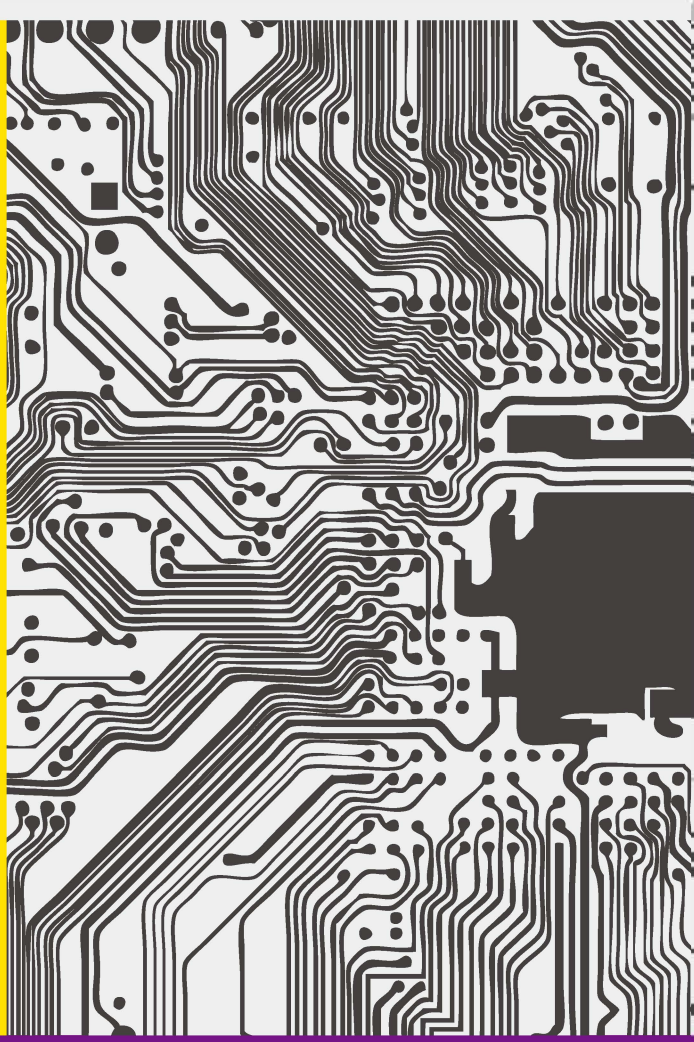
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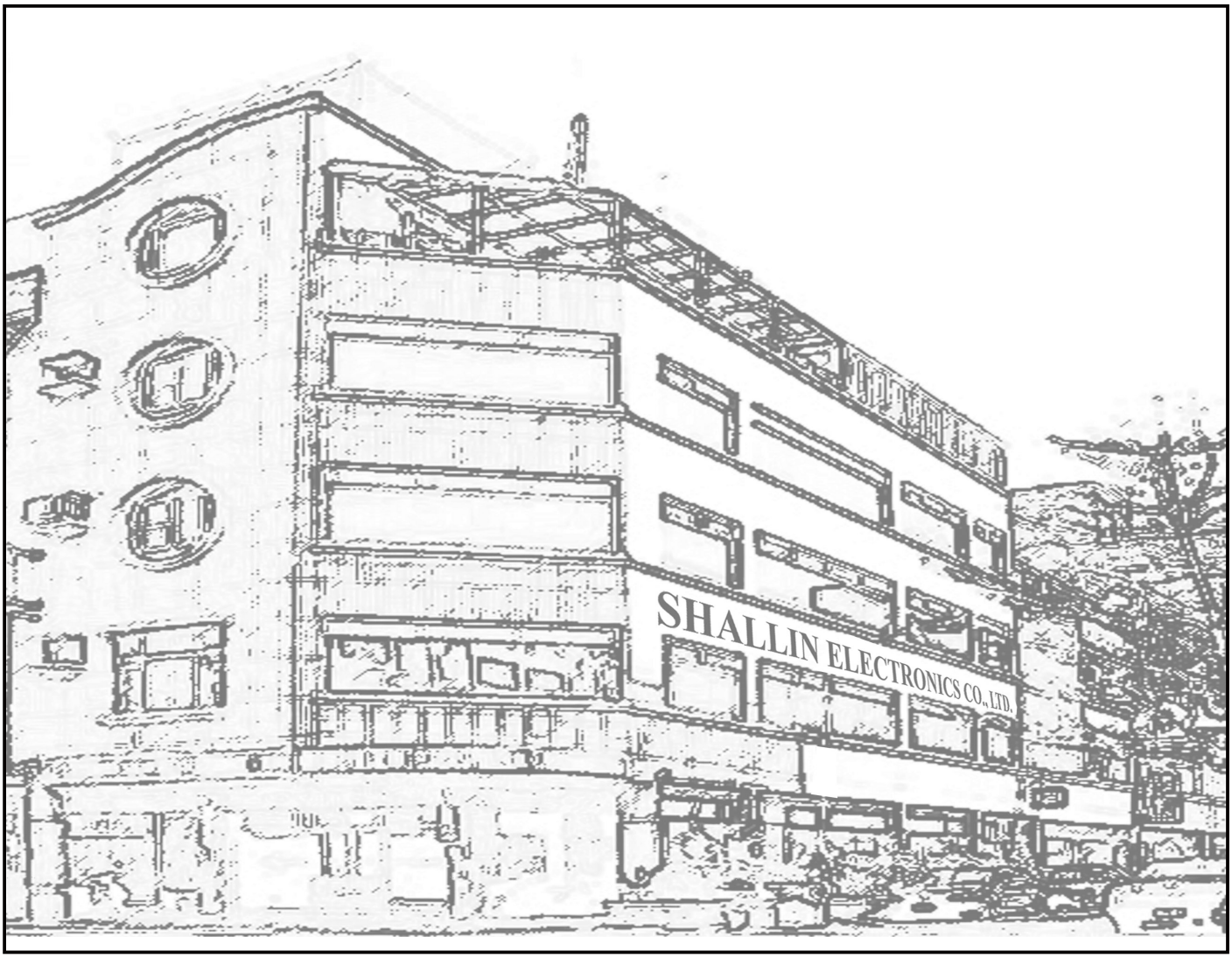
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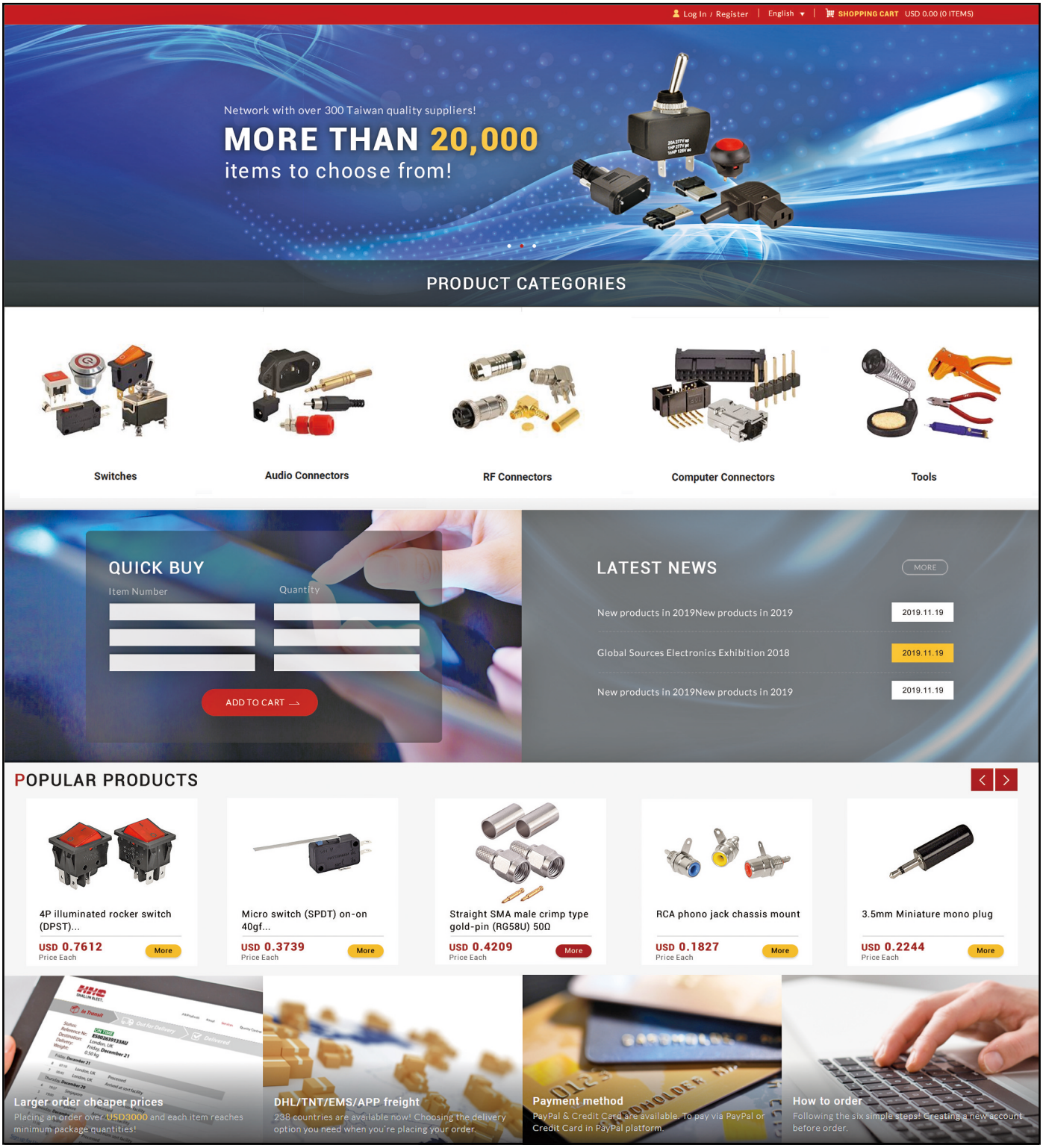
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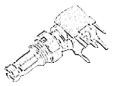
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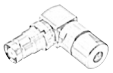
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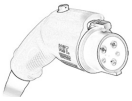
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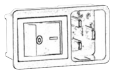

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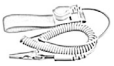

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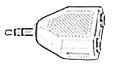

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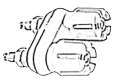

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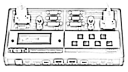

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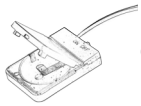

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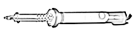

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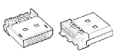

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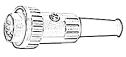

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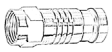

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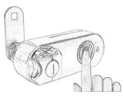

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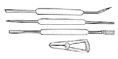

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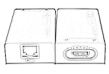

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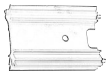

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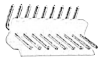

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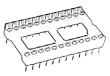

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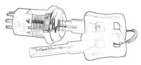

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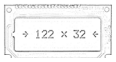

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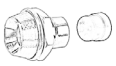

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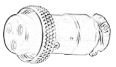

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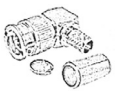

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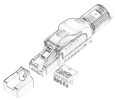

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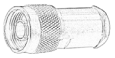

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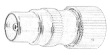

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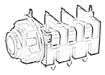

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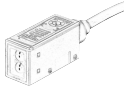

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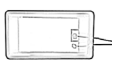

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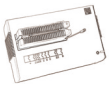

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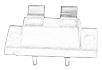

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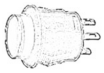

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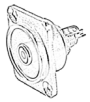

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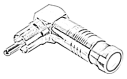

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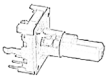

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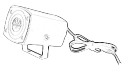

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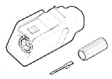
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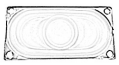

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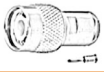

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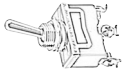

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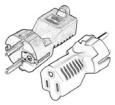

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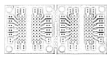

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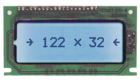

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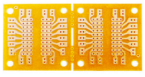

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NEW ITEMS

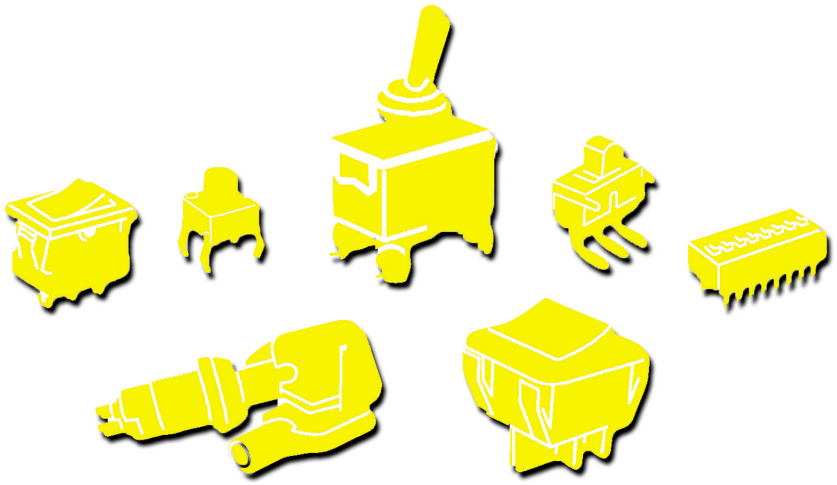
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Switches series

B



DIP / Toggle / Pushbutton / Keylock / Rocker / Illuminated Rocker / Slide / Waterproof Touchless Infrared Sensor / Vibration / Tact / Rotary / Micro / Illuminated Pushbutton / Reed-Alarm / Proximity / Ultrasonic Sensors / Photoelectric Sensors / Fiber-Optic Sensors

Features

. Tactile response is performed directly by larger contact pressure to ensure every stable contact.

. All plastics are UL94V-0 grade fire retardant.

. Bottom epoxy sealed standard to ensure free of flux immersion during wave soldering.

. Gold plated contacts to ensure low contact resistance and long mechanical life.

. Ideal for data processing, communications, remote controls and burglar alarm system use, where manual programming is required.

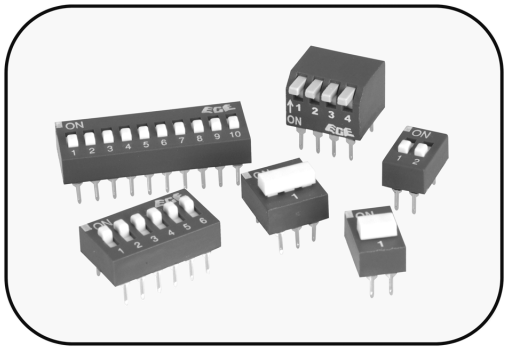
Applications

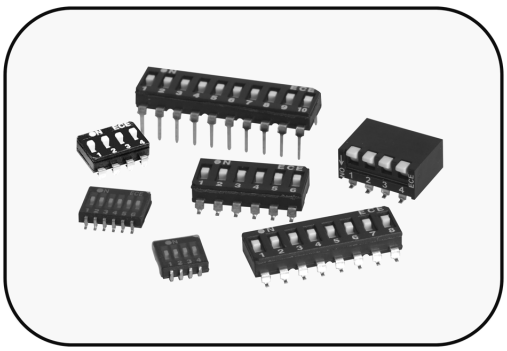
. Numerical setting for computer terminal equipment

. Price setting for vending machines

. Programming for game machines

. Programming for industrial equipment and measuring instruments

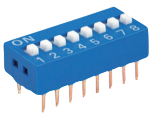


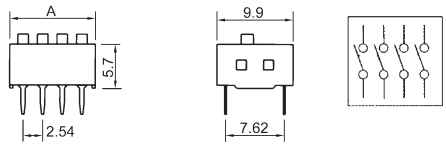


Specifications

Item	B001	B007	B008	B0082	B009	B012~B013	B0132	B020~B0202	B040~B0403
Contact Rating	25mA, 24VDC								
Contact resistance	50mΩ Max.								
Insulation resistance	100MΩ Min. at 500 VDC								
Dielectric strength(VAC/1 minute)	500							300	500
Operating temperature	-25˚C to +70˚C								
Operating force	800g	800g	400g	800g	800g	800g	800g	800g	800g
Mechanical life (operations per cycle)	2000	2000	2000	1000	2000	2000	2000	1000	2000
Terminal plated	gold	gold	gold	tin	tin	gold	tin	gold	gold

B001
2.54mm DIP switch (SPST)
gold-pin
2-12 positions



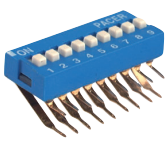


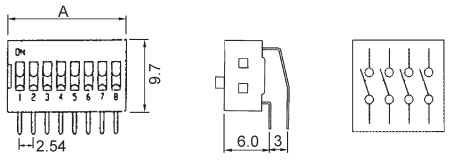
Item / Position / Dim A Unit : mm

B001A	B001B	B001C	B001D	B001E
2	3	4	5	6
6.7	9.2	11.7	14.2	16.7

B001F	B001G	B001H	B001J	B001K
7	8	9	10	12
19.2	21.7	24.2	26.7	31.8

B007
2.54mm DIP switch (SPST)
gold-pin
2-12 positions



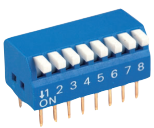


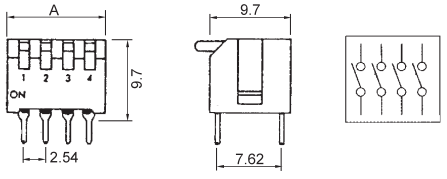
Item / Position / Dim A Unit : mm

B007B	B007C	B007D	B007E	B007F
2	3	4	5	6
6.7	9.2	11.7	14.2	16.7

B007G	B007H	B007J	B007K	B007L
7	8	9	10	12
19.2	21.7	24.2	26.7	31.8

B008
2.54mm DIP switch (SPST)
gold-pin
2-12 positions





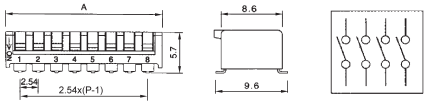
Item / Position / Dim A Unit : mm

B008A	B008B	B008C	B008D	B008E
2	3	4	5	6
6.26	9.06	11.34	13.88	16.42

B008F	B008G	B008H	B008J	B008K
7	8	9	10	12
18.96	21.5	24.04	26.58	31.66

B0082
2.54mm DIP switch (SPST)
tin-pin
2-10 positions



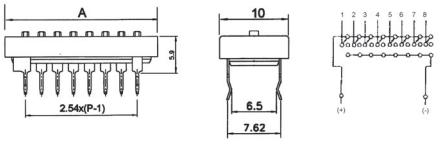


Item / Position / Dim A Unit : mm

B0082A	B0082C	B0082E	B0082G	B0082J
2	4	6	8	10
6.50	11.60	16.70	21.70	26.70

B009
2.54mm DIP switch (SPST)
tin-pin
4-10 positions

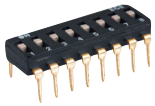


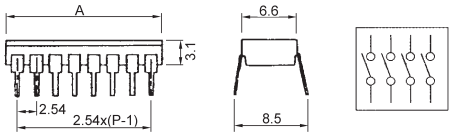


Item / Position / Dim A Unit : mm

B009C	B009E	B009F	B009G
4	8	9	10
14.14	24.3	26.84	29.38

B012
2.54mm DIP switch (SPST)
gold-pin
2-12 positions





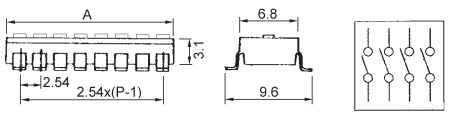
Item / Position / Dim A Unit : mm

B012A	B012B	B012C	B012D	B012E
2	3	4	5	6
6.02	8.56	11.10	13.64	16.18

B012F	B012G	B012H	B012J	B012K
7	8	9	10	12
18.72	21.26	23.80	26.34	31.42

B013
2.54mm DIP switch (SPST)
gold-pin
2-12 positions





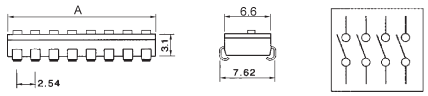
Item / Position / Dim A Unit : mm

B013A	B013B	B013C	B013D	B013E
2	3	4	5	6
5.04	7.58	10.12	12.66	15.20

B013F	B013G	B013H	B013J	B013K
7	8	9	10	12
17.74	20.28	22.82	25.36	30.43

B0132
2.54mm DIP switch (SPST)
J-hook/tin-pin
2-12 positions





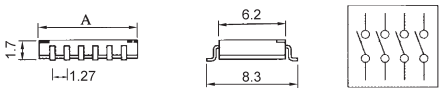
Item / Position / Dim A Unit : mm

B0132A	B0132B	B0132C	B0132D	B0132E
2	3	4	5	6
5.04	7.58	10.12	12.66	15.20

B0132F	B0132G	B0132H	B0132J	B0132K
7	8	9	10	12
17.74	20.28	22.82	25.36	30.43

B020
1.27mm DIP switch (SPST)
gold-pin
2-12 positions





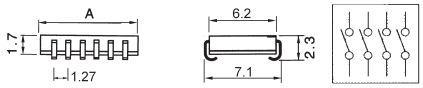
Item / Position / Dim A Unit : mm

B020A	B020C	B020E
2	4	6
3.7	6.2	8.75

B020G	B020J	B020K
8	10	12
11.30	13.8	16.35

B0202
1.27mm DIP switch (SPST)
J-hook/gold-pin
2-10 positions



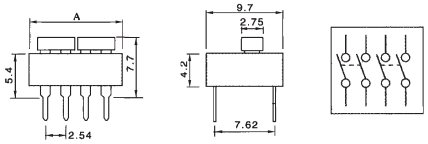


Item / Position / Dim A Unit : mm

B0202A	B0202C	B0202E	B0202G	B0202J
2	4	6	8	10
3.70	6.20	8.75	11.30	13.80

B040
2.54mm DIP switch (DPST)
gold-pin
1-6 positions





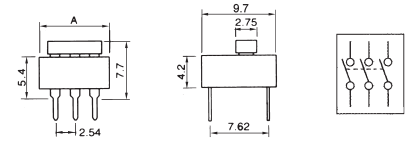
Item / Position / Dim A Unit : mm

B040A	B040B	B040C
1	2	3
6.7	11.7	16.7

B040D	B040E	B040F
4	5	6
21.7	26.7	31.8

B0403
2.54mm DIP switch (3PST)
gold-pin
1-5 positions





Item / Position / Dim A Unit : mm

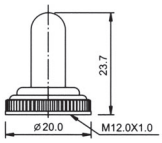
B0403A	B0403B	B0403C	B0403D	B0403E
1	2	3	4	5
9.2	16.7	24.2	31.8	39.5

Specifications

Rating	16(6A) 250V~T125 (VDE)
	20A 125VAC, 10A 250VAC
Insulation resistance	500VDC 200MΩ or more
Contact resistance	2-4VDC 1A 20mΩ or less
Withstand voltage	1500VAC or more

B059
Waterproof cap
can reach to IP67
for B059 & B067 series

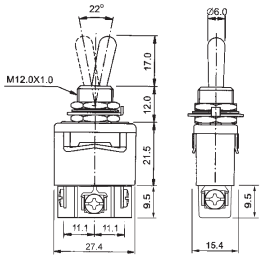






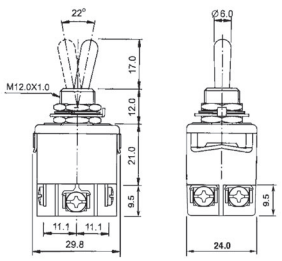
B059B
3P toggle switch
(SPDT) on-on
250V 16A





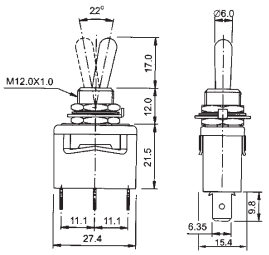
B059E
6P toggle switch
(DPDT) on-on
250V 16A





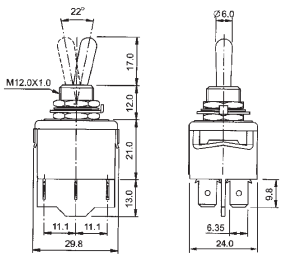
B059BP
3P toggle switch
(SPDT) on-on
250V 16A





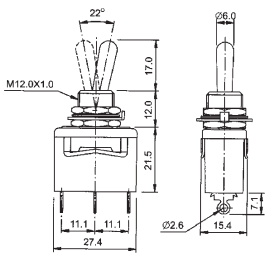
B059EP
6P toggle switch
(DPDT) on-on
250V 16A





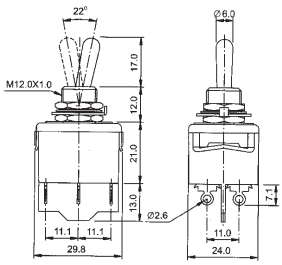
B059BS
3P toggle switch
(SPDT) on-on
250V 16A





B059ES
6P toggle switch
(DPDT) on-on
250V 16A

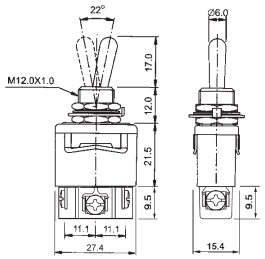




B059C
3P 3 ways toggle switch
(SPDT) on-off-on
250V 16A

B059CM
3P 3 ways toggle switch
(SPDT) (on)-off-(on)
250V 16A"

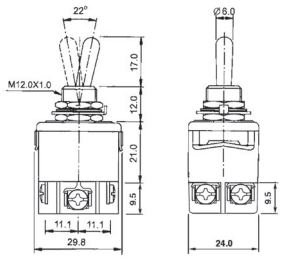




B059F
6P 3 ways toggle switch
(DPDT) on-off-on
250V 16A

B059FM
6P 3 ways toggle switch
(DPDT) (on)-off-(on)
250V 16A

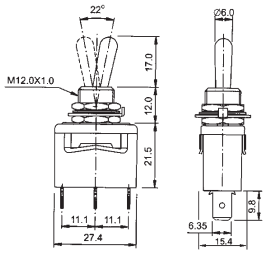




B059CP
3P 3 ways toggle switch
(SPDT) on-off-on
250V 16A

B059CPM
3P 3 ways toggle switch
(SPDT) (on)-off-(on)
250V 16A

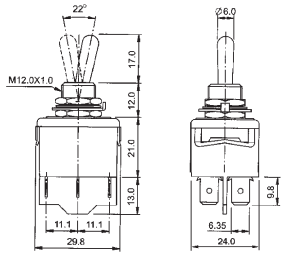




B059FP
6P 3 ways toggle switch
(DPDT) on-off-on
250V 16A

B059FPM
6P 3 ways toggle switch
(DPDT) (on)-off-(on)
250V 16A

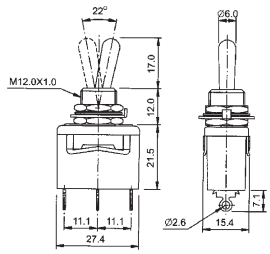




B059CS
3P 3 ways toggle switch
(SPDT) on-off-on
250V 16A

B059CSM
3P 3 ways toggle switch
(SPDT) (on)-off-(on)
250V 16A

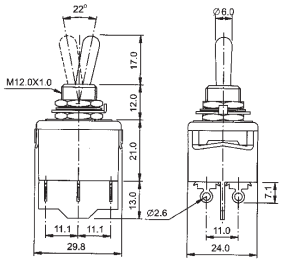




B059FS
6P 3 ways toggle switch
(DPDT) on-off-on
250V 16A

B059FSM
6P 3 ways toggle switch
(DPDT) (on)-off-(on)
250V 16A

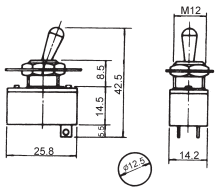




B060
2P toggle switch
(SPST) on-off
125V 4A

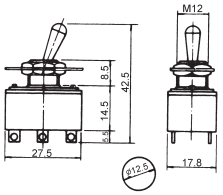
B062
4P toggle switch
(DPST) on-off
125V 4A





B063
6P toggle switch
(DPDT) on-on
125V 6A

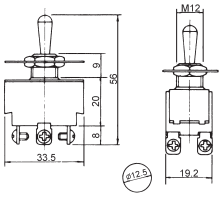




B066
6P 3 ways toggle switch
(DPDT) on-off-on
125V 10A

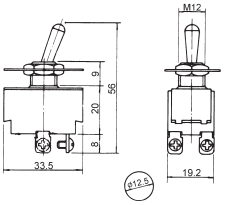
B066A
6P toggle switch
(DPDT) on-on
125V 10A





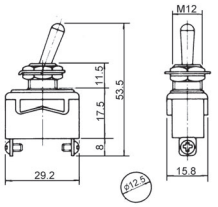
B066B
4P toggle switch
(DPST) on-off
125V 10A





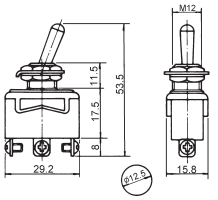
B067A
2P toggle switch
(SPST) on-off
250V 10A





B067B
3P toggle switch
(SPDT) on-on
250V 10A

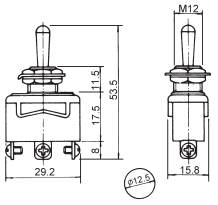




B067C
3P 3 ways toggle switch
(SPDT) on-off-on
250V 10A

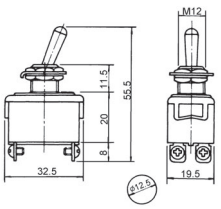
B067CM
3P 3 ways toggle switch
(SPDT) (on)-off-(on)
250V 10A





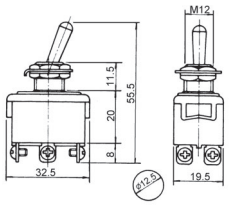
B067D
4P toggle switch
(DPST) on-off
250V 10A





B067E
6P toggle switch
(DPDT) on-on
250V 10A

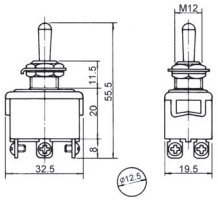




B067F
6P 3 ways toggle switch
(DPDT) on-off-on
250V 10A

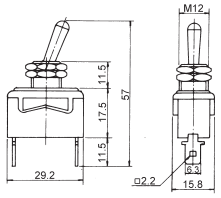
B067FM
6P 3 ways toggle switch
(DPDT) (on)-off-(on)
250V 10A





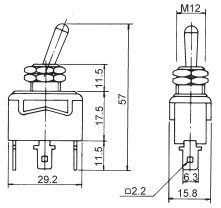
B067AP
2P toggle switch
(SPST) on-off
250V 10A





B067BP
3P toggle switch
(SPDT) on-on
250V 10A

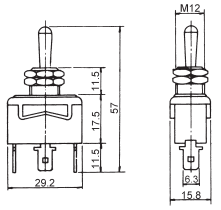




B067CP
3P 3 ways toggle switch
(SPDT) on-off-on
250V 10A

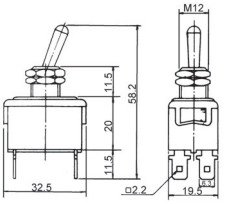
B067CPM
3P 3 ways toggle switch
(SPDT) (on)-off-(on)
250V 10A





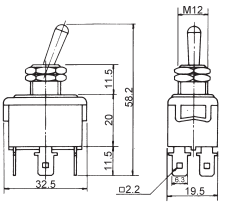
B067DP
4P toggle switch
(DPST) on-off
250V 10A





B067EP
6P toggle switch
(DPDT) on-on
250V 10A

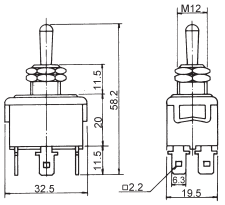




B067FP
6P 3 ways toggle switch
(DPDT) on-off-on
250V 10A

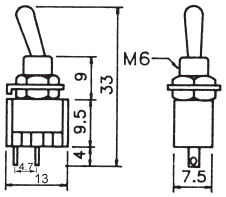
B067FPM
6P 3 ways toggle switch
(DPDT) (on)-off-(on)
250V 10A





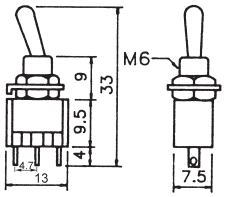
B069A
2P mini toggle switch
(SPST) on-off
gold-pin
120V 5A (250V 2A)





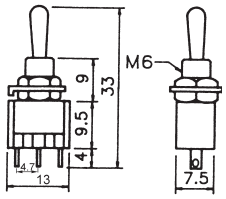
B069B
3P mini toggle switch
(SPDT) on-on
gold-pin
120V 5A (250V 2A)





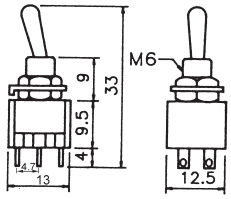
B069C
3P mini toggle switch
(SPDT) on-off-on
gold-pin
120V 5A (250V 2A)





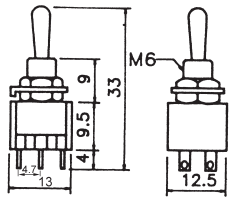
B069E
6P mini toggle switch
(DPDT) on-on
gold-pin
120V 5A (250V 2A)





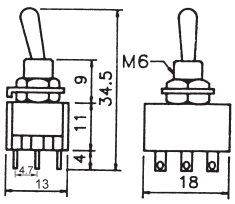
B069F
6P mini toggle switch
(DPDT) on-off-on
gold-pin
120V 5A (250V 2A)





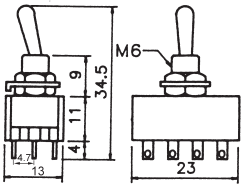
B069H
9P mini toggle switch
(3PDT) on-on
gold-pin
120V 5A (250V 2A)





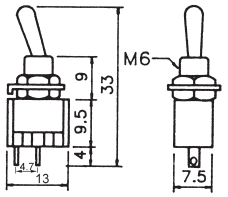
B069L
12P mini toggle switch
(4PDT) on-on
gold-pin
120V 5A (250V 2A)





B068A
2P mini toggle switch
W/cap (SPST) on-off
gold-pin
120V 5A (250V 2A)

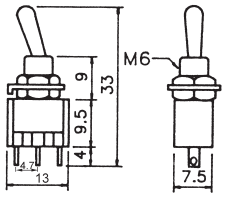




B068B
3P mini toggle switch
W/cap (SPDT) on-on
gold-pin
120V 5A (250V 2A)

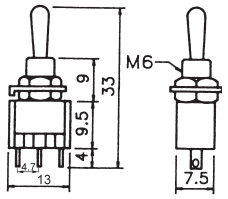
B068BP
3P mini toggle switch
W/cap P.C.mount
(SPDT) on-on gold-pin
120V 5A (250V 2A)





B068C
3P mini toggle switch
W/cap (SPDT) on-off-on
gold-pin
120V 5A (250V 2A)

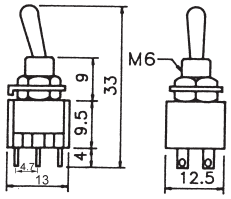




B068E
6P mini toggle switch
W/cap (DPDT) on-on
gold-pin
120V 5A (250V 2A)

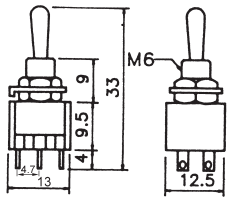
B068EP
6P mini toggle switch
W/cap P.C.mount
(DPDT) on-on gold-pin
120V 5A (250V 2A)





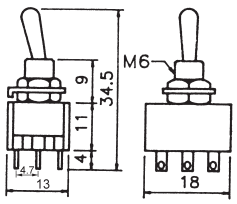
B068F
6P mini toggle switch
W/cap (DPDT) on-off-on
gold-pin
120V 5A (250V 2A)





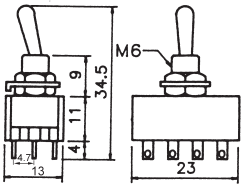
B068H
9P mini toggle switch
W/cap (3PDT) on-on
gold-pin
120V 5A (250V 2A)



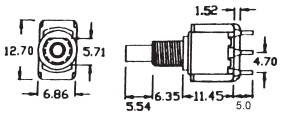


B068L
12P mini toggle switch
W/cap (4PDT) on-on
gold-pin
120V 5A (250V 2A)

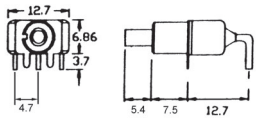




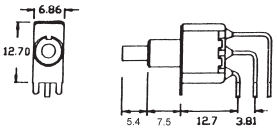
B068BS
3P mini pushbutton switch (SPDT) on-(on)
120V 3A (250V 1A)

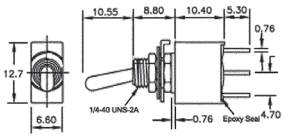
B068BSV
3P mini pushbutton switch (SPDT) on-(on)
120V 3A (250V 1A)

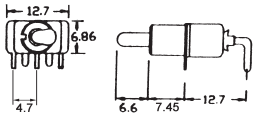
B068BSW
3P mini pushbutton switch (SPDT) on-(on)
120V 3A (250V 1A)

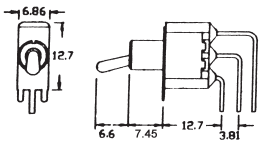
B068BT
3P sealed mini toggle switch (SPDT) on-on
gold-pin
120V 5A (250V 2A)
can reach to IP67

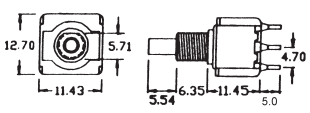
B068BV
3P mini toggle switch (SPDT) on-on
120V 5A (250V 2A)

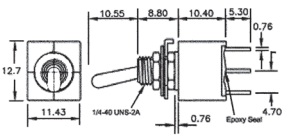
B068BW
3P mini toggle switch (SPDT) on-on
120V 5A (250V 2A)

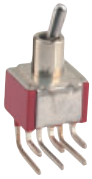
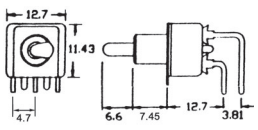
B068ES
6P mini pushbutton switch (DPDT) on-(on)
120V 3A (250V 1A)

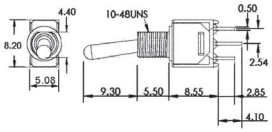
B068ET
6P sealed mini toggle switch (DPDT) on-on
gold-pin
120V 5A (250V 2A)
can reach to IP67

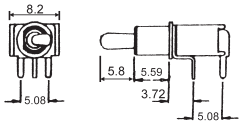
B068EV
6P mini toggle switch (DPDT) on-on
120V 5A (250V 2A)

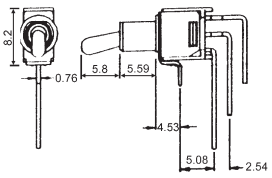
B070B
3P sub-mini toggle switch (SPDT) on-on
120V 3A

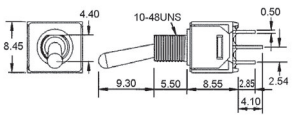
B070BV
3P sub-mini toggle switch (SPDT) on-on
120V 3A

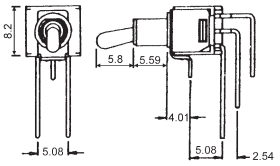
B070BW
3P sub-mini toggle switch (SPDT) on-on
120V 3A

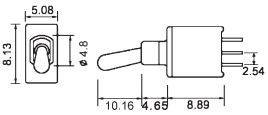
B070E
6P sub-mini toggle switch (DPDT) on-on
120V 3A

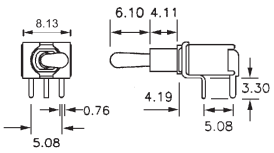
B070EW
6P sub-mini toggle switch (DPDT) on-on
120V 3A

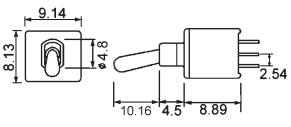
B070BT
3P sealed sub-mini toggle switch (SPDT) on-on
gold-pin
120V 3A
can reach to IP67

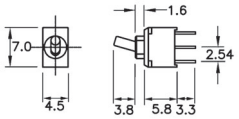
B070BTV
3P sealed sub-mini toggle switch (SPDT) on-on
gold-pin
120V 3A
can reach to IP67

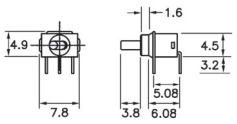
B070ET
6P sealed sub-mini toggle switch (DPDT) on-on
gold-pin
120V 3A
can reach to IP67

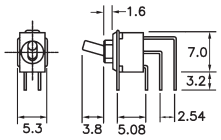
B071B
3P sealed ultra-mini toggle switch
(SPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

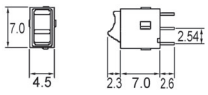
B071BV
3P sealed ultra-mini toggle switch
(SPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

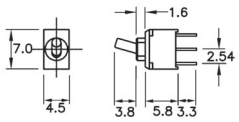
B071BW
3P sealed ultra-mini toggle switch
(SPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

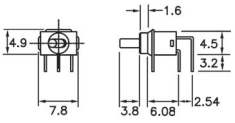
B071BWR
3P sealed ultra-mini rocker switch
(SPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

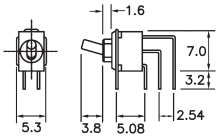
B071E
6P sealed ultra-mini toggle switch
(DPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

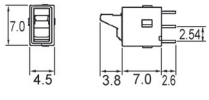
B071EV
6P sealed ultra-mini toggle switch
(DPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

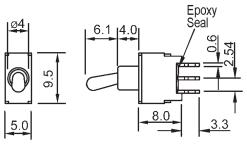
B071EW
6P sealed ultra-mini toggle switch
(DPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

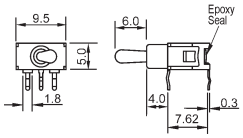
B071EWR
6P sealed ultra-mini rocker switch
(DPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

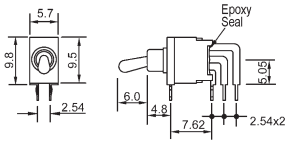
B072B
3P sealed sub-mini toggle switch
(SPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

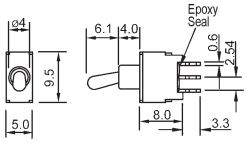
B072BV
3P sealed sub-mini toggle switch
(SPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

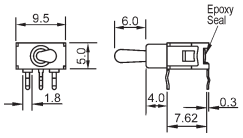
B072BW
3P sealed sub-mini toggle switch
(SPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

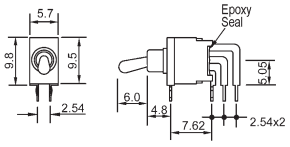
B072E
6P sealed sub-mini toggle switch
(DPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

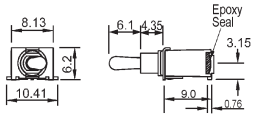
B072EV
6P sealed sub-mini toggle switch
(DPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

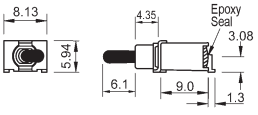
B072EW
6P sealed sub-mini toggle switch
(DPDT) on-on
gold-pin
48V 0.4VA
can reach to IP67

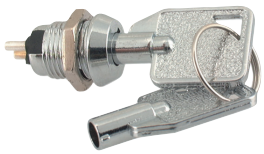
B073B
3P sealed sub-mini toggle switch (SMD)
(SPDT) on-on
gold-pin
20V 0.4VA
can reach to IP67

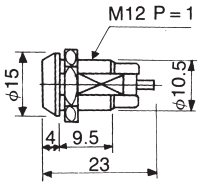



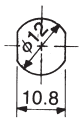
B073BA
3P sealed sub-mini toggle switch (SMD)
(SPDT) on-on anti-static plastic actuator
gold-pin
20V 0.4VA
can reach to IP67

B0800
Keylock switch
125V 0.2A





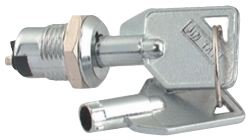


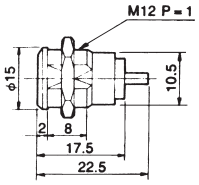
Zinc alloy die cast housing

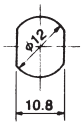
Item#	Terminals	Key pulls	Turn	
B0800	2	2	90°	off on

• 1 Combination available

B0811 - B0812
Keylock switch
125V 1A (250V 0.5A)





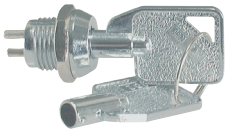


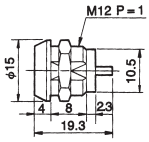
Zinc alloy die cast housing

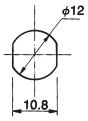
Item#	Terminals	Key pulls	Turn	
B0811	4	3	45° -0° -90°	off on on
B0812	2	2	90°	off on

• Many Combinations available

B0815
Keylock switch
125V 0.2A





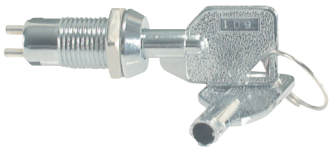


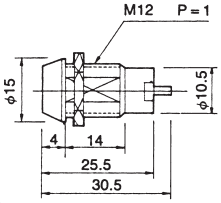
Zinc alloy die cast housing

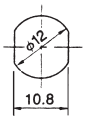
Item#	Terminals	Key pulls	Turn	
B0815	2	2	90°	off on

• 1 Combination available

B0820 - B0821
Keylock switch
125V 1A (250V 0.5A)





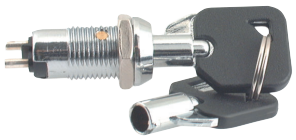


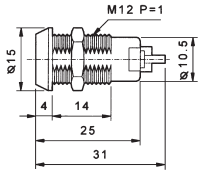
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0820	2	1	90°	off on
B0821	2	2	90°	off on

• Many combinations available

B0825 - B0829
Keylock switch
125V 1A (250V 0.5A)





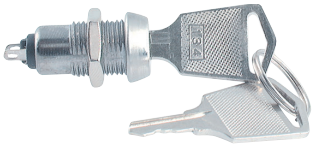


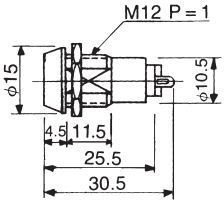
Zinc alloy die cast housing

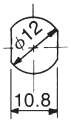
Item#	Terminals	Key pulls	Turn	
B0825	2	1	90°	off on
B0826	2	2	90°	off on
B0827	4	1	90°	on on
B0828	4	2	90°	on on
B0829	2	1	90°	off (on)

• Many combinations available

B0830
Keylock switch
125V 1A (250V 0.5A)





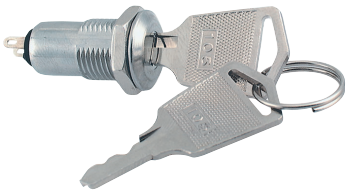


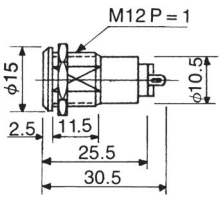
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0830	2	2	90°	off on

• Many Combinations available

B0840 - B0841
Keylock switch
125V 1A (250V 0.5A)





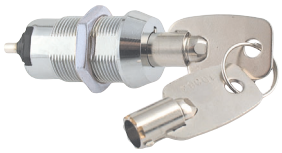


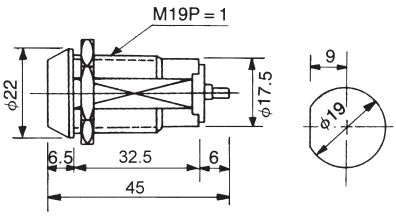
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0840	2	1	90°	off on
B0841	2	2	90°	off on

• Many Combinations available

B0860 - B0870
Keylock switch
125V 4A (250V 2A)





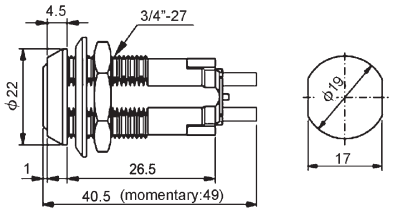
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0860	2	1	90°	off on
B0861	2	2	90°	off on
B0862	2	1	90°	off (on)
B0870	4	3	45°-0°-45°	on off on

( ): Momentary. Many combinations available

B0884 - B0888
Keylock switch
125V 4A (250V 2A)





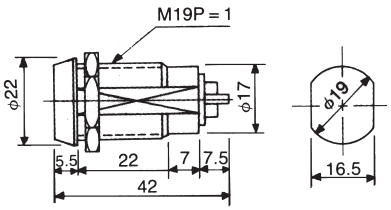
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0884	2	1	90°	off on
B0885	2	2	90°	off on
B0888	2	1	90°	off (on)

( ): Momentary. Many combinations available

B0930 - B0941
Keylock switch
125V 4A (250V 2A)



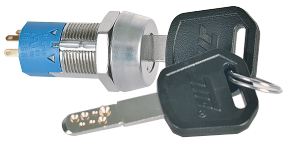


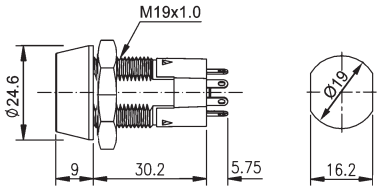
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0930	2	1	90°	off on
B0931	2	2	90°	off on
B0940	3	1	90°	on on
B0941	3	2	90°	on on

• Many combinations available

B09451 - B09454
Keylock switch
125V 4A (250V 2A)





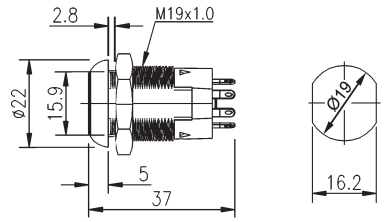
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B09451	3	1	90°	on on
B09453	4	1	45°	on on on
B09454	4	1	45°-0°-45°	on on on

• Many combinations available

B09461 - B09466
Keylock switch
125V 4A (250V 2A)





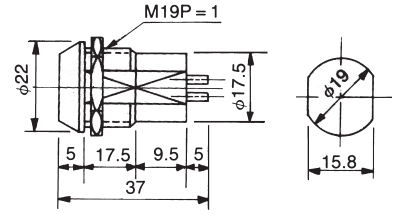
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B09461	3	1	90°	on on
B09463	4	1	45°	on on on
B09464	4	1	45°-0°-45°	on on on
B09466	6	2	90°	on on

• Many combinations available

B0950 - B0953
Keylock switch
125V 4A (250V 2A)





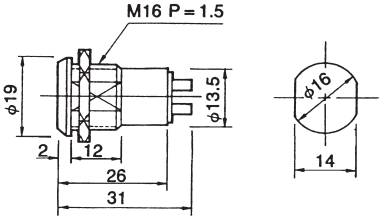
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0950	4	1	90°	off on
B0951	4	2	90°	off on
B0952	4	1	90°	on on
B0953	4	2	90°	on on

• Many combinations available

B0960 - B0961
Keylock switch
125V 1A (250V 0.5A)



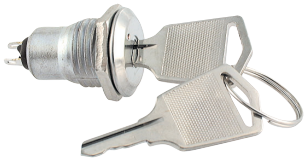


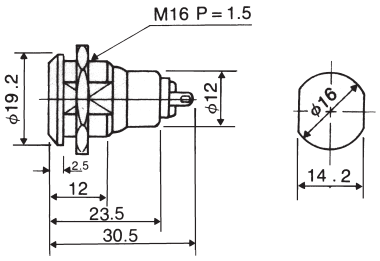
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0960	2	2	60°	off on
B0961	3	3	60°	off on on

• Many combinations available

B0970 - B0971
Keylock switch
125V 1A (250V 0.5A)



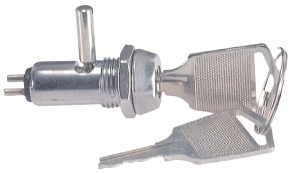


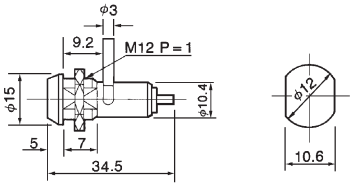
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0970	2	1	90°	off on
B0971	2	2	90°	off on

• Many Combinations available

B0975
Keylock switch
125V 1A (250V 0.5A)





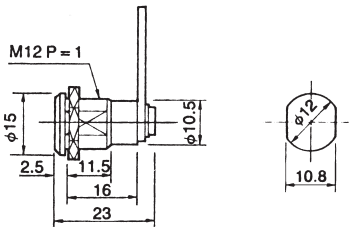
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn	
B0975	2	2	90°	off on

• Many Combinations available

B0980 - B0981
Cam lock





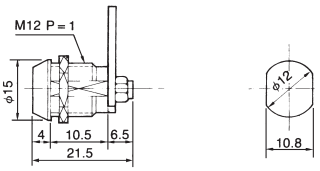
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn
B0980		1	90°
B0981		2	90°

• Many Combinations available

B0982 - B0983
Cam lock





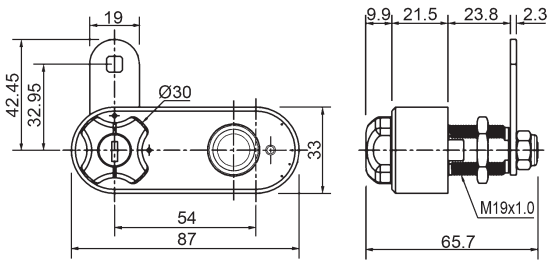
Zinc alloy die cast housing

Item#	Terminals	Key pulls	Turn
B0982		1	90°
B0983		2	90°

• Many Combinations available

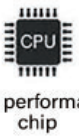
B09960
Fingerprint identification
cabinet lock













Zinc alloy housing with bright chrome plating

Features:
• LED light and buzzer operation guidance
• Low battery alert supported
• External USB port for recharge & emergency power

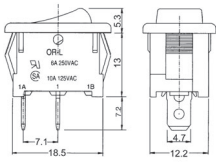
Specifications:
• Sensor resolution: 176x176
• Fingerprint sensor: Capacitive type sensor
• Fingerprint capacity: 20 sets
• Lithium-ion polymer battery: 3.7V/500mAh
• Battery life: 1 year or 2500 lock/unlock actions after full charging
• 2 keys each lock

Add fingerprint:
1. At unlock position and press the fingerprint lock panel, when blue light is on then hold until the blue light is always on and with long beep 1 time, then remove.
2. The purple light flashes, start fingerprint entry.
3. Press the fingerprint lock panel until the blue light is on and beep 1 time, then remove.
4. Repeat step 3 for 5 times to collect the same finger, and the fingerprint is collected successfully.
5. The green light is on, the entry is successful; the red light is on, the entry fails.

Delete fingerprint:
1. At unlock position and press the fingerprint lock panel, when blue light is on then hold until the white light is always on and with beep 3 times (green light flashes and purple light is on during the period).
2. Continue hold until green/red/blue light is switching around 5 seconds.
3. After the white light is always on and with long beep 1 time, then green light flashes 3 times, the fingerprint is deleted successfully.

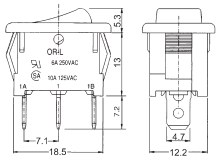
B100G
2P rocker switch
(SPST) on-off
125V 6A (250V 3A)

B100GU
2P rocker switch
(SPST) on-off
125V 10A (250V 6A)

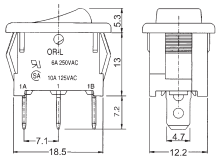



B100H
3P rocker switch
(SPDT) on-on
125V 6A (250V 3A)

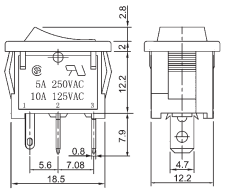
B100HU
3P rocker switch
(SPDT) on-on
125V 10A (250V 6A)

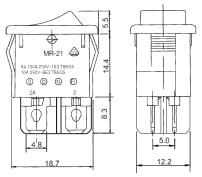
B100J
3P rocker switch
(SPDT) on-off-on
125V 10A (250V 6A)

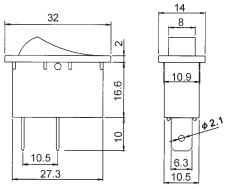
B100K
4P rocker switch W/LED
(SPST) on-off
125V 10A (250V 6A)

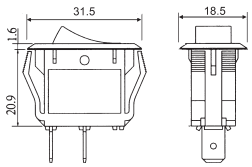
B100R
4P rocker switch
(DPST) on-off
125V 10A (250V 6A)

B10141
2P rocker switch
(SPST) on-off
125V 15A (250V 7.5A)

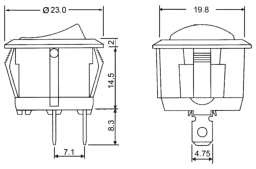



B10145
2P rocker switch
(SPST) on-off
125V 16A (250V 10A)

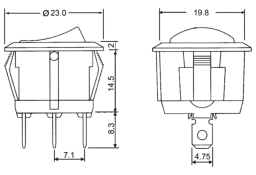



B10160 2P rocker switch
(SPST) on-off
125V 16A (250V 10A)

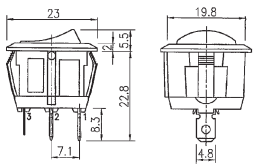
B10161
3P rocker switch
(SPDT) on-on
125V 16A (250V 10A)

B10162
3P rocker switch
(SPDT) on-off-on
125V 16A (250V 10A)

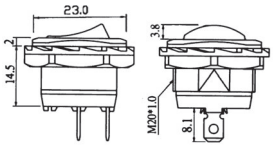



B10163
4P rocker switch W/LED
(SPST) on-off
125V 16A (250V 10A)

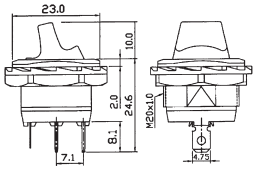



B10172 2P rocker switch
(SPST) on-off
125V 16A (250V 10A)

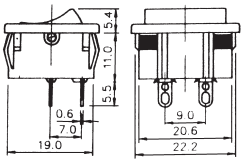
B10173
3P rocker switch
(SPDT) on-on
125V 16A (250V 10A)

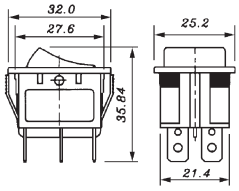
B10177
3P rocker switch W/LED
(SPST) on-off
125V 10A (250V 6A)

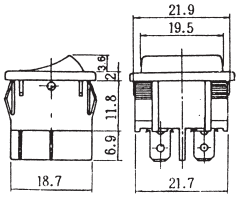
B10020
4P rocker switch
(DPST) on-off
125V 6A (250V 6A)

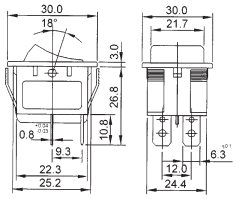
B10202
6P rocker switch
(DPDT) on-off-on
125V 10A (250V 10A)

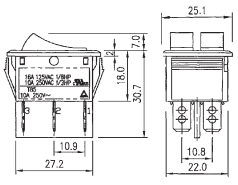
B1021
4P rocker switch
(DPST) on-off
125V 10A (250V 6A)

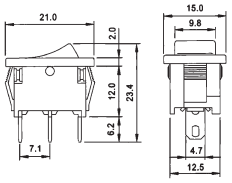
B1026
4P rocker switch
(DPST) on-off
125V 10A (250V 10A)

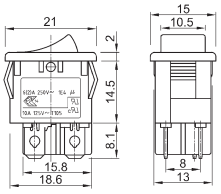
B1033
6P rocker switch
(DPDT) on-on
125V 16A (250V 10A)

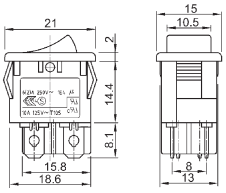
B1149
3P illuminated rocker switch
(SPST) on-off
125V 10A (250V 6A)

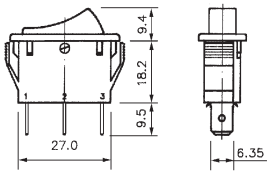
B1150
3P illuminated rocker switch
(SPST) on-off
125V 10A (250V 5A)

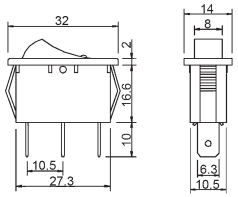
B1151
4P illuminated rocker switch
(DPST) on-off
125V 10A (250V 5A)

B1202
3P illuminated rocker switch
(SPST) on-off
125V 16A (250V 16A)

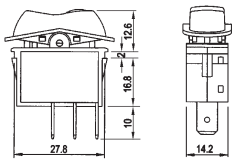



B1204
3P illuminated rocker switch
(SPST) on-off
125V 15A (250V 7.5A)

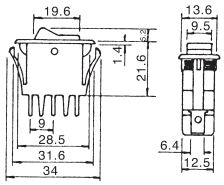



B1205
3P illuminated timer switch
(SPST) on-off
125V 16A (250V 10A)

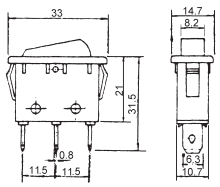
Minutes :
A: 30 minutes
B: 60 minutes
C:120 minutes
D:240 minutes

B120C
3P illuminated rocker switch
(SPST) on-off
250V 10A

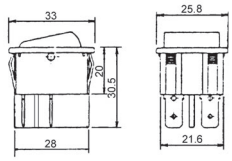



B120E
3P illuminated rocker switch
(SPST) on-off
250V 10A

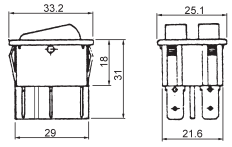



B127A
4P illuminated rocker switch
(DPST) on-off
250V 10A

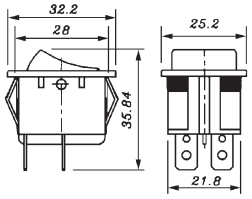
B127B
6P illuminated rocker switch
(DPDT) on-on
250V 10A

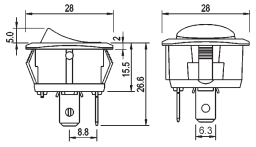
B128B
6P illuminated rocker switch
(DPST) on-off
250V 10A

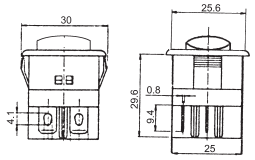
B12912
4P illuminated rocker switch
(DPST) on-off
125V 10A (250V 10A)

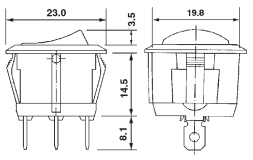
B12925
3P illuminated rocker switch
(SPST) on-off
125V 16A (250V 10A)

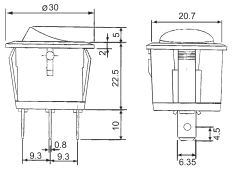
B1293
4P illuminated rocker switch
(DPST) on-off
125V 16A (250V 10A)

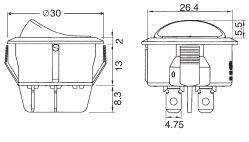
B1294
3P illuminated rocker switch
(SPST) on-off
125V 16A (250V 10A)

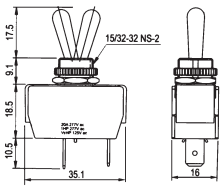
B1295
3P illuminated rocker switch
(SPST) on-off
125V 16A (250V 10A)

B1296
4P illuminated rocker switch
(DPST) on-off
125V 8A (250V 8A)

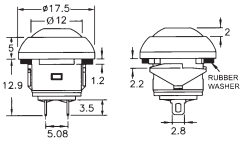



B1300
2P waterproof toggle switch
(SPST) on-off
250V 16A
can reach to IP56

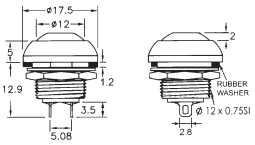
B1310
2P waterproof pushbutton switch (SPST)
125V 125mA
can reach to IP67

A-open type
B-close type

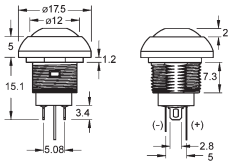



B1313
2P waterproof pushbutton switch (SPST)
125V 125mA
can reach to IP67

A-open type
B-close type

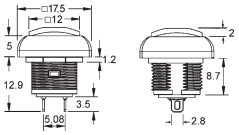



B131301
2P waterproof illuminated pushbutton
switch W/LED (SPST)
125V 125mA
open type
can reach to IP67

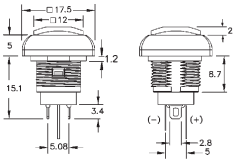



B131305
2P square waterproof pushbutton
switch (SPST)
125V 125mA
can reach to IP67

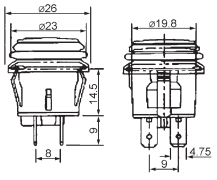
A-open type
B-close type

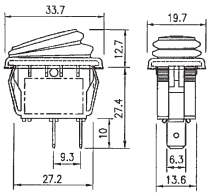
B131307
2P square waterproof illuminated
pushbutton switch W/LED (SPST)
chromium
125V 125mA
open type
can reach to IP67

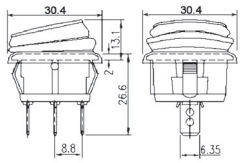
B1315
4P waterproof illuminated pushbutton
switch (SPST) on-off
125V 10A (250V 6A)
can reach to IP66

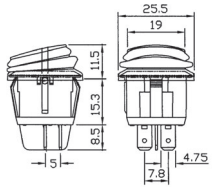
B1319
2P waterproof rocker switch
(SPST) on-off
125V 16A (250V 16A)
can reach to IP65

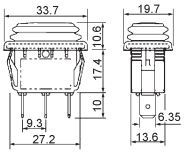
B1320
3P waterproof illuminated rocker
switch (SPST) on-off
125V 16A (250V 10A)
can reach to IP65

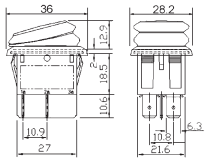
B1322
4P waterproof illuminated rocker
switch (DPST) on-off
125V 16A (250V 10A)
can reach to IP65

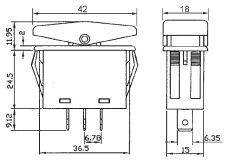
B1324
3P waterproof illuminated rocker
switch (SPST) on-off
125V 16A (250V 10A)
can reach to IP65

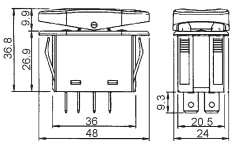
B1325
4P waterproof illuminated rocker
switch (DPST) on-off
125V 20A (250V 10A)
can reach to IP65

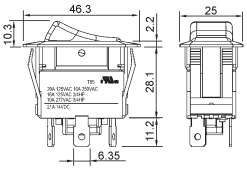
B1326
3P waterproof illuminated rocker
switch (SPST) on-off
125V 20A (250V 10A)
can reach to IP56

B1327
7P waterproof illuminated rocker
switch (DPDT) on-off-on
125V 20A (250V 10A)
can reach to IP66

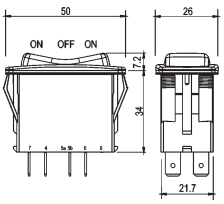



B1328
4P waterproof illuminated rocker
switch (SPDT) on-off-on
125V 20A (250V 10A)
can reach to IP56

B13285
6P waterproof illuminated rocker
switch (DPDT) on-off-on
125V 16A (250V 16A)
can reach to IP67





B14010
Mini slide switch (SMD)
(1P2T)
DC 6V 0.3A



B14016
Mini slide switch (SMD)
(1P3T)
DC 6V 0.3A



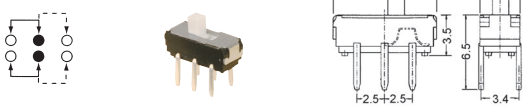
B14020
Mini slide switch (SMD)
(2P2T)
DC 6V 0.3A



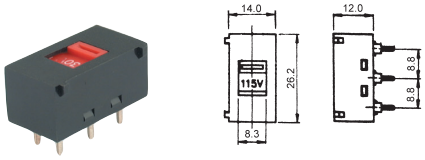
B14030
Mini slide switch (DIP)
(1P2T)
DC 6V 0.3A



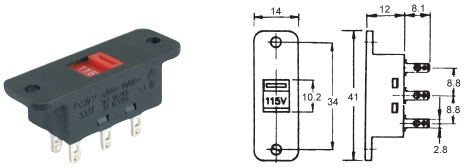
B14036
Mini slide switch (DIP)
(2P2T)
DC 6V 0.3A



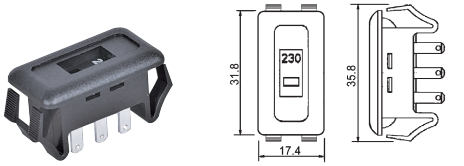
B14051
Power select switch
125V 10A (250V 5A)



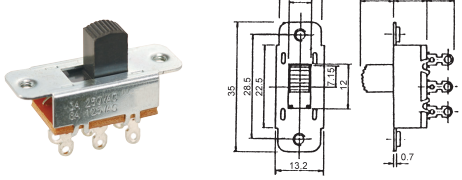
B14053
Power select switch
125V 10A (250V 5A)



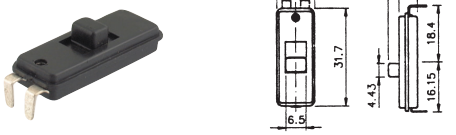
B140535
Power select switch
125V 22A (250V 11A)



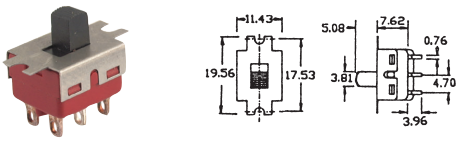
B14055
Slide switch
(DPDT) on-on
125V 6A



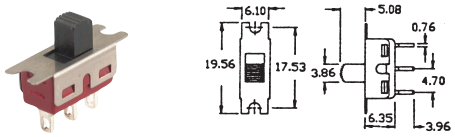
B14058
Slide switch
(SPDT) off-on-on
125V 7A



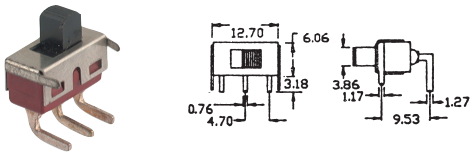
B1406
Slide switch
(DPDT) on-on
120V 6A (250V 3A)



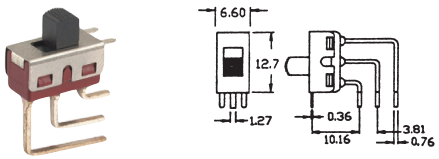
B1407
Slide switch
(SPDT) on-on
120V 6A (250V 3A)



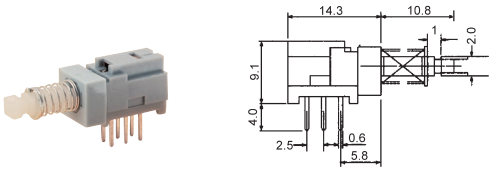
B1408
Slide switch
(SPDT) on-on
120V 6A (250V 3A)



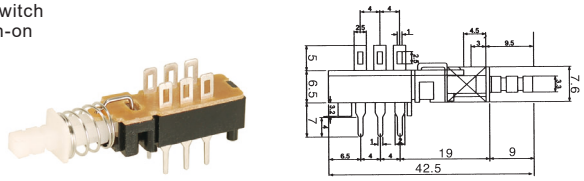
B1409
Slide switch
(SPDT) on-on
120V 6A (250V 3A)



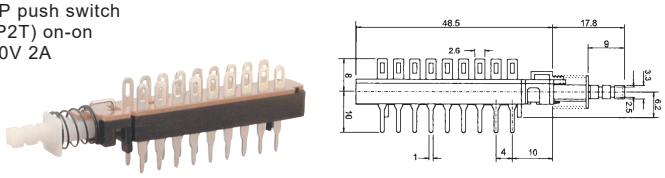
B14097
6P push switch
(DPDT) on-on
DC 30V 0.1A



B14098
6P push switch
(DPDT) on-on
250V 1A



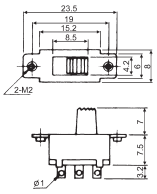
B14099
18P push switch
(6P2T) on-on
250V 2A



B140A
3P slide switch
(1P2T)

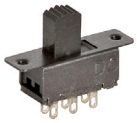
B140AP
3P slide switch
PCB terminal

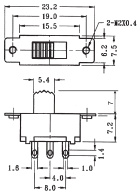




B140B
6P slide switch
(2P2T)

B140BP
6P slide switch
PCB terminal

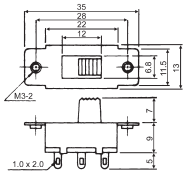




B142A
3P slide switch
(1P2T)

B142AP
3P slide switch
PCB terminal

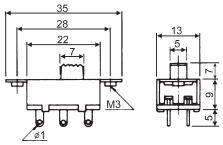




B142B
6P slide switch
(2P2T)

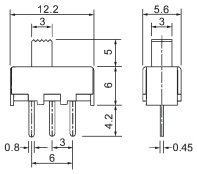
B142BP
6P slide switch
PCB terminal





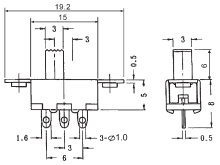
B143
3P slide switch
(1P2T)





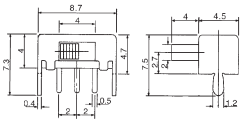
B144
3P slide switch
(1P2T)





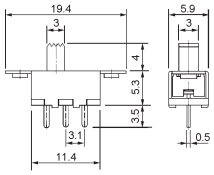
B1540
Slide switch
(1P2T)



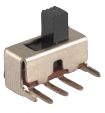


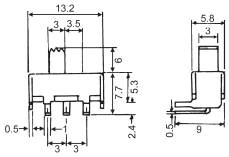
B1544
Slide switch
(1P2T)





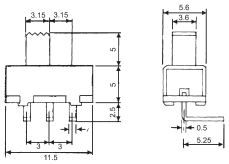
B1550
Slide switch
(1P2T)





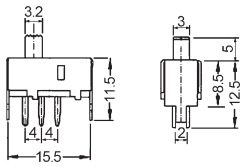
B1551
Slide switch
(1P2T)



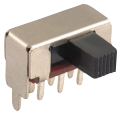


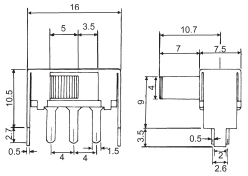
B1553
Slide switch
(1P2T)



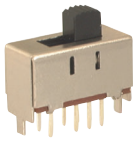


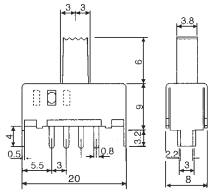
B1564
Slide switch
(2P2T)





B1576
Slide switch
(2P3T)

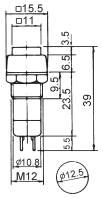




B160A /B /C
Square type pushbutton
switch 125V 3A
A-open and close type
B-open type
C-close type

Color:red yellow green
blue black white

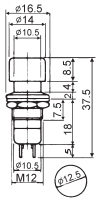




B161A /B /C
Circle type pushbutton
switch 125V 3A
A-open and close type
B-open type
C-close type

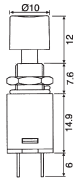
Color:red yellow green
blue black white





B1621A /B
Mini pushbutton switch
125V 3A (250V 1.5A)
A:open and close type
B:open type

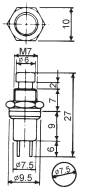




B163A /B
Mini pushbutton switch
125V 1A
A-open type
B-close type

Color:red yellow green
blue black white

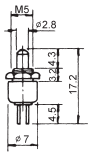




B164B
Mini pushbutton switch
125V 0.5A
open type

Color:red black

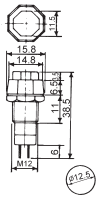




B165A /B
Octagon type pushbutton
switch 125V 3A
A-open and close type
B-open type

Color:red yellow green
blue black white

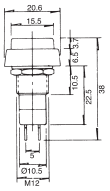




B165J /K
Pushbutton switch
125V 3A
J-open and close type
K-open type

Color:red orange yellow
green blue black white

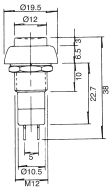




B165L /M
Pushbutton switch
125V 3A
L-open and close type
M-open type

Color:red orange yellow
green blue black white

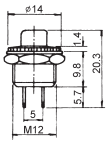




B166
Mini pushbutton switch
125V 1A
open type

Color:red black

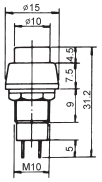




B167A /B
Circle type pushbutton
switch 125V 3A (250V 1A)
A-open and close type
B-open type

Color:red black

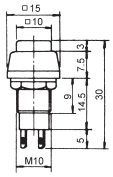




B168A /B
Square type pushbutton
switch 125V 3A (250V 1A)
A-open and close type
B-open type

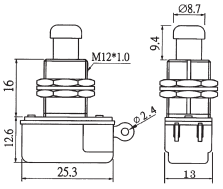
Color:red black





B16900
2P pushbutton switch
125V 6A (250V 3A)
(SPST)
open type



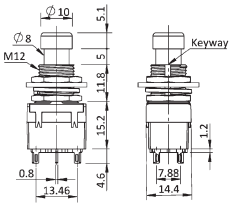


B16901A /B
3P pushbutton switch
125V 4A (SPDT)

B16902A /B
6P pushbutton switch
125V 4A (DPDT)

A-open and close type
B-open type





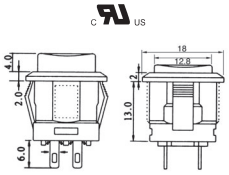
B16925A /B
4P illuminated pushbutton
switch (W/LED/3V DC)
125V 3A / 250V 1.5A (SPST)

A-open and close type
B-open type

Color:red amber
green







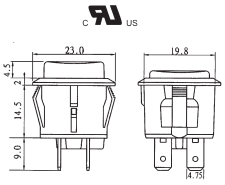
B16930A /B
4P illuminated pushbutton switch
125V 10A / 250V 6A (DPST)

A-open and close type
B-open type

Color:red amber
green



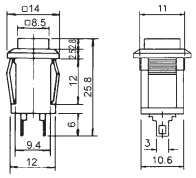




B169A /B
Square type pushbutton switch
125V 3A
A-open type
B-close type

Color:red orange yellow
green blue black white

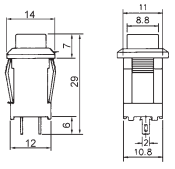




B169C
Square type pushbutton switch
125V 3A
open and close type

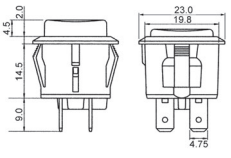
Color:red orange yellow
green blue black white





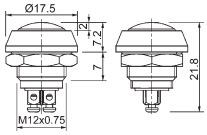
B169DA
Pushbutton switch (SPST)
125V 10A (250V 6A)
open type



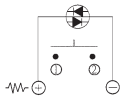


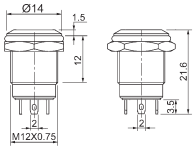
B169HA
2P metal pushbutton switch
36V 2A (SPST) off-(on)
can reach to IP65



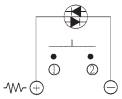


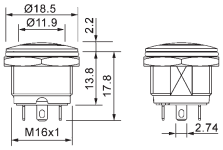
B169HD
2P illuminated metal pushbutton switch W/LED
36V 2A (SPST) off-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white orange

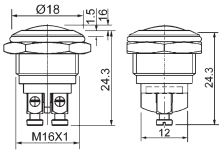
B169MA
2P illuminated metal pushbutton switch W/LED
36V 2A (SPST) off-(on)
can reach to IP67


LED volt:6V/12V/24V
LED color:red yellow green
blue white

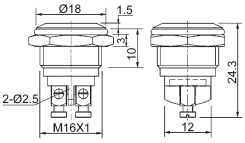
B169NA
2P metal pushbutton switch
36V 2A (SPST) off-(on)
can reach to IP65



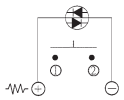


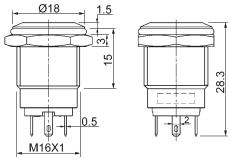
B169NB
2P metal pushbutton switch
36V 2A (SPST) off-(on)
can reach to IP65



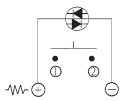


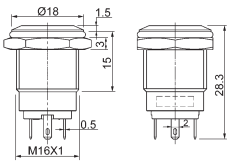
B169NC
2P illuminated metal pushbutton switch W/LED
36V 2A (SPST) off-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white orange

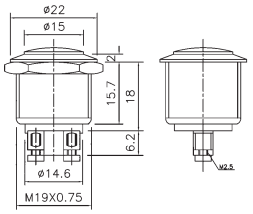
B169ND
2P illuminated metal pushbutton switch W/LED
36V 2A (SPST) off-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white orange

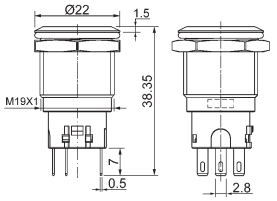
B169Q
2P metal pushbutton switch
125V 4A / 250V 2A
(SPST) off-(on)
can reach to IP65





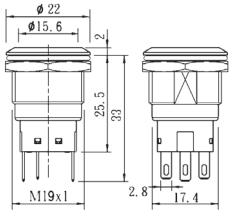
B169TC
3P illuminated metal pushbutton switch W/LED
250V 3A (SPDT) on-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white orange

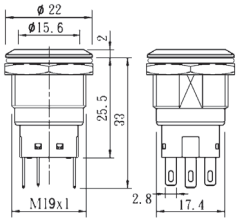
B169TD (B169TA)
3P illuminated metal pushbutton switch W/LED
250V 5A (SPDT) on-(on)
can reach to IP67


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white

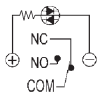



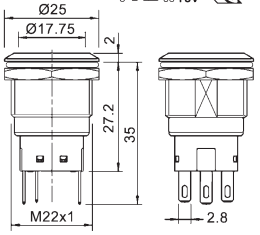
B169TE (B169TB)
3P illuminated metal pushbutton switch W/LED
250V 5A (SPDT) on-(on)
can reach to IP67


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white

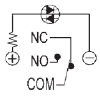



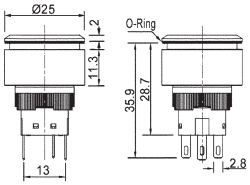
B169WD (B169WA)
3P illuminated metal pushbutton switch W/LED
250V 5A (SPDT) on-(on)
can reach to IP67


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white

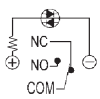



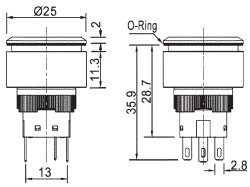
B169WF
3P illuminated pushbutton switch W/LED
250V 5A (SPDT) on-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white

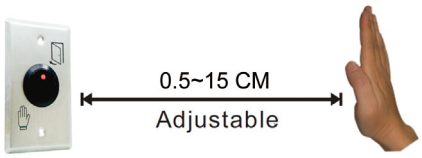



B169WG
3P illuminated pushbutton switch W/LED
250V 5A (SPDT) on-(on)
can reach to IP65


LED volt:6V/12V/24V/220V
LED color:red yellow green
blue white





Item No.	B169ZA~B169ZK	B169ZL
Power supply	DC10~24V (DC/AC10~24V : B169ZB/G/L)	
LED (Power on)	red	green
LED (Proximity)	blue	blue
Adjustable opening time	0.5~20Sec.	0.5~15Sec.
	Latched ON or OFF	
Protection degree	IP65 (IP54 B169ZD)	-
Relay contact rating (Standard: 1A/30VDC)	0.3A/125VAC(B169ZA/B/G/H)	2A/120VAC
	0.5A/125VAC(B169ZC/D/K)	
Electrical / Mecianical (min.)	100,000 / 50,000,000 (B169ZA/B/G/H)	
	100,000 / 10,000,000 (B169ZC/D/K/L)	

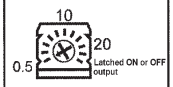
Pin assignment

J1—Power and relay output



Pin	Color	Function
1	Red	DC+ / L
2	Black	DC- / N
3	Grey	COM.
4	Brown	N.O.
5	Yellow	N.C.

VR1—Adjustable opening time. (Unit: Sec.)

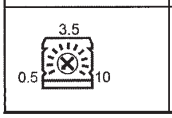


Adjustable opening time: 0.5~20 Sec.
Latched ON or OFF: Turn right to the end
(Default: 0.5 Sec.)

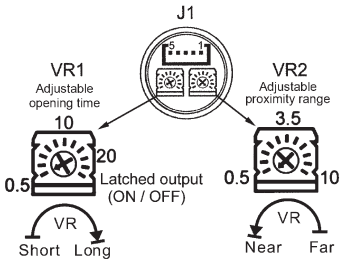
VR2—Adjustable proximity range. (Unit: cm)



Adjustable proximity range: 3~15cm
(Default: 15 cm)



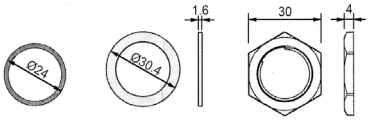
Adjustable proximity range: 0.5~10cm
(Default: 0.5 cm)



Accessories

B169ZA1~B169ZD :
With washerx1, gasketx1, nutx1, 5P wire (15cm)

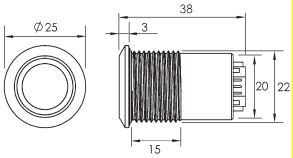
B169ZG~B169ZL :
With screwx2, 5P wire (15cm)



B169ZA1 /A2
Waterproof touchless infrared sensor switch
24VDC 33mA
Shell : Brass

Proximity range
A1 : 0.5~10cm
A2 : 3~15cm

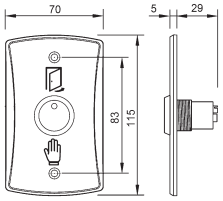




B169ZG
Waterproof touchless infrared sensor switch
W/US type panel
24VDC 26mA
24VAC 51mA
Panel : Zinc-alloy

Proximity range:
3~15cm

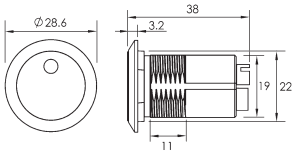




B169ZB1 /B2
Waterproof touchless infrared sensor switch
24VDC 26mA
24VAC 51mA
Shell : PC

Proximity range
B1 : 0.5~10cm
B2 : 3~15cm

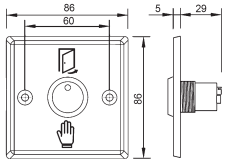




B169ZH
Waterproof touchless infrared sensor switch
W/Euro. type panel
24VDC 28mA
Panel : Stainless steel

Proximity range:
3~15cm

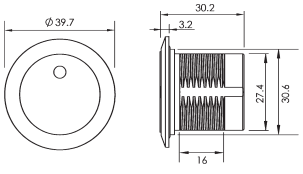




B169ZC
Waterproof touchless infrared sensor switch
24VDC 26mA
Shell : PC

Proximity range:
3~15cm

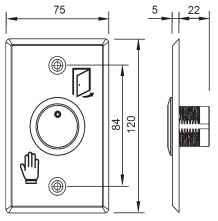




B169ZK
Waterproof touchless infrared sensor switch
W/US type panel
24VDC 26mA
Panel : Stainless steel

Proximity range:
3~15cm

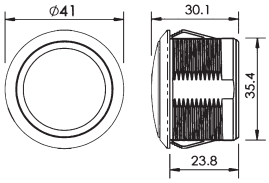




B169ZD
Waterproof touchless infrared sensor switch
24VDC 33mA
Shell : Stainless steel+PC

Proximity range:
3~10cm

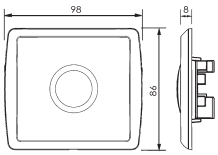




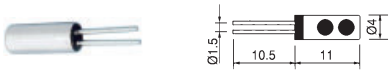
B169ZL
Touchless infrared sensor switch
W/Euro. type panel
24VDC 65mA
24VAC 110mA
Panel : ABS

Proximity range:
1.5~10cm

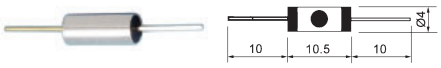




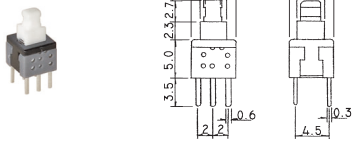
B170005
4ø ball rolling vibration switch



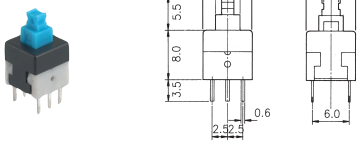
B170006
4ø ball rolling vibration switch



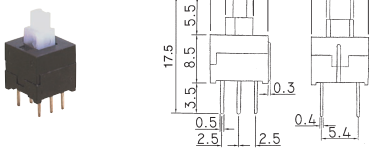
B17001A /B
Mini push switch
12V 0.1A
A-lock type
B-non lock type



B170G /H /J
Mini push switch
30V 0.1A
G-lock type
H-non lock type
J-non lock & click

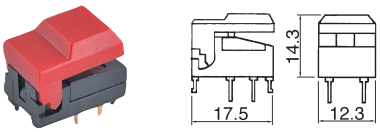


B1702A /B
Mini push switch
30V 0.1A
A-lock type
B-non lock type

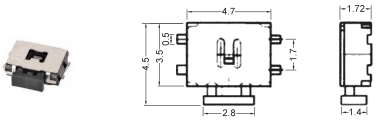


B1710
DIP pushbutton switch
24V 0.01A

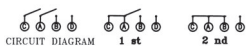
B1711
DIP pushbutton switch
W/LED
24V 0.01A

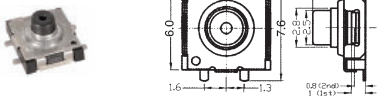


B171210
Side push switch
12V 0.05A

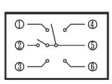


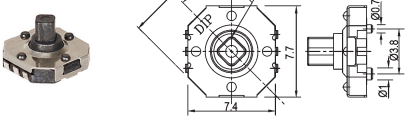
B171222
Double action tact switch
12V 0.05A
Operating force:
1st:100gf
2nd:260gf



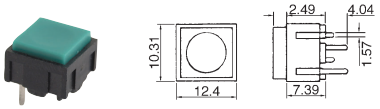


B171224
5 Ways tact switch
12V 0.05A





B1715
Tact switch
50V 0.025A



B17171
12 x 12mm Square cover for B1729

B17172
12 x 12mm Round cover
for B1729

Color:red black white
blue orange



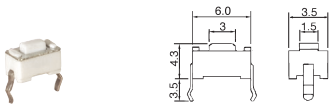
B17173
6 x 6mm Square cover for B17223

B17174
6 x 6mm Round cover
for B17223

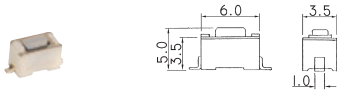
Color:red black white
blue orange



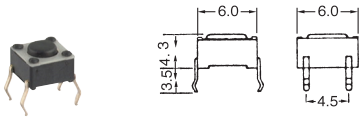
B1719
Tact switch
12V 0.05A



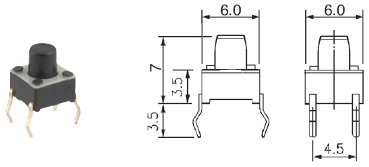
B1719F
Tact switch
12V 0.05A
F : 5.0mm



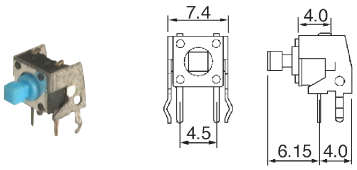
B1720A /B
Tact switch
12V 0.05A
A : 4.3mm
B : 5.0mm



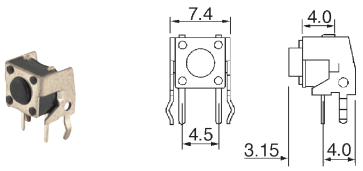
B1721A /B
Tact switch
12V 0.05A
A : 7.0mm
B : 9.5mm



B17223
Tact switch
12V 0.05A

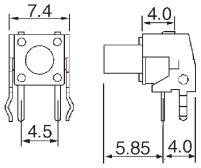


B1724A /B
Tact switch
12V 0.05A
A : 3.15mm
B : 3.85mm



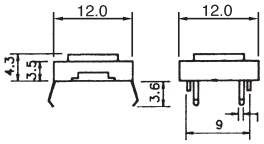
B1725A /B
Tact switch
12V 0.05A
A : 5.85mm
B : 8.35mm





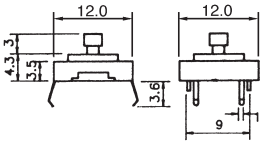
B1728
Tact switch
12V 0.05A





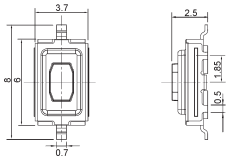
B1729
Tact switch
12V 0.05A





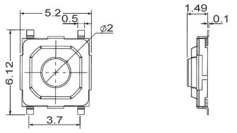
B17300
Tact switch
12V 0.05A





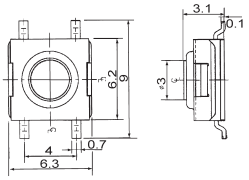
B17310
Tact switch
12V 0.05A





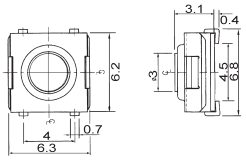
B17320
Sealed tact switch
12V 0.05A
Can reach to IP67





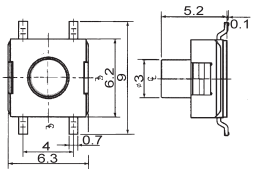
B17322
Sealed tact switch
12V 0.05A
Can reach to IP67





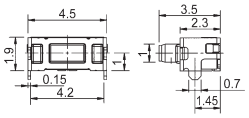
B17324
Sealed tact switch
12V 0.05A
Can reach to IP67





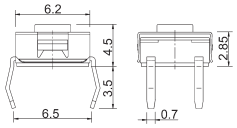
B173310
Sealed tact switch
12V 0.05A
Can reach to IP67



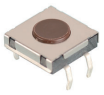


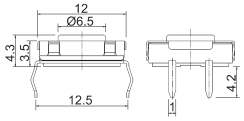
B173320
Sealed tact switch
12V 0.05A
Can reach to IP67





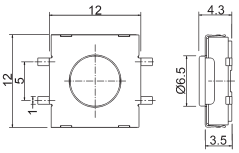
B173330
Sealed tact switch
24V 0.05A
Can reach to IP67



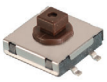


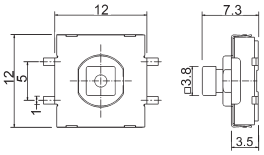
B173331
Sealed tact switch
24V 0.05A
Can reach to IP67





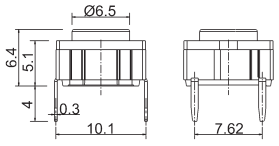
B173332
Sealed tact switch
24V 0.05A
Can reach to IP67





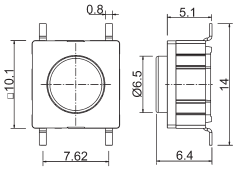
B173340
Sealed tact switch
24V 0.05A
Can reach to IP67





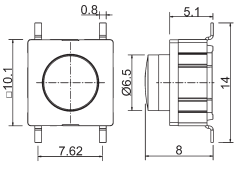
B173341
Sealed tact switch
24V 0.05A
Can reach to IP67





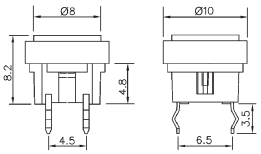
B173342
Sealed tact switch
24V 0.05A
Can reach to IP67





B1735
Tact switch W/O LED
12V 0.05A



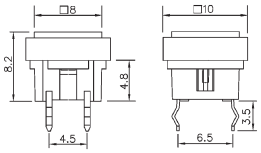


B1737A x x (For **B1735~B1738**)

- Cap color
  - A:red D:orange
  - B:green E:ivory
  - C:black F:gray
- Housing color
  - A : light gray
  - B : black
- LED color

B1736
Tact switch W/O LED
12V 0.05A

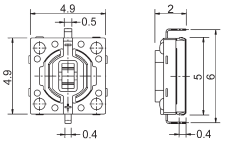




B173830
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: blue
C: white

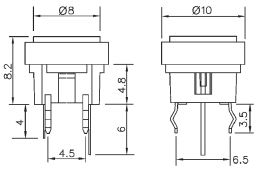




B1737
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue
E: white

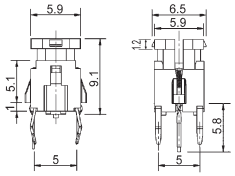




B173840
Illuminated tact switch
12V 0.05A

LED color:
A: red B: yellow
C: green D: blue
E: white
F: white+yellow

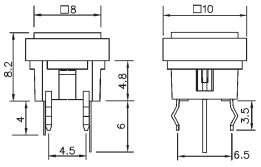




B1738
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue
E: white

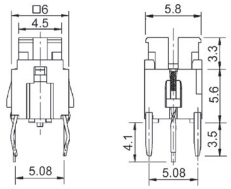




B173841
Illuminated tact switch
12V 0.05A

LED color:
A: red B: yellow
C: green D: blue
E: micro-light green

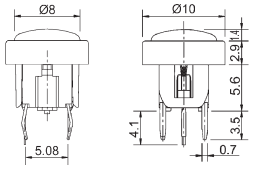




B173810
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue

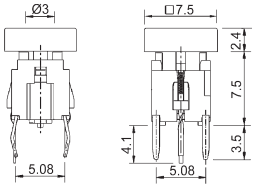




B173845
Illuminated tact switch
12V 0.05A

LED color:
A: red B: yellow
C: green D: blue
E: micro-light green

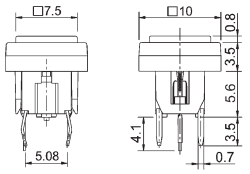




B173811
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue

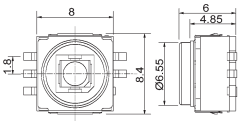




B173847
Illuminated tact switch
32V 0.05A

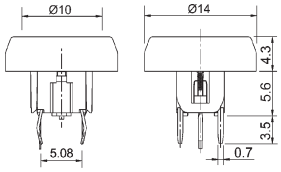
LED color:
A: red B: yellow
C: green D: blue
E: white F: amber





B173820
Illuminated tact switch
12V 0.05A
W/white LED

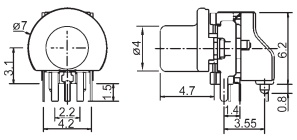




B173850
Illuminated tact switch
12V 0.05A

LED color:
A: blue
B: white
C: green+yellow

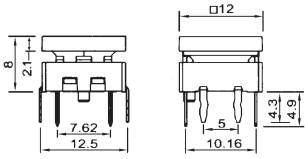




B173821
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue
E: white

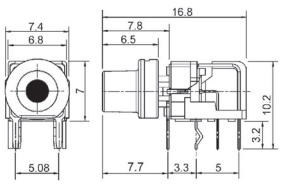




B173855
Illuminated tact switch
12V 0.05A

LED color:
A: red
B: yellow
C: green
D: blue
E: white

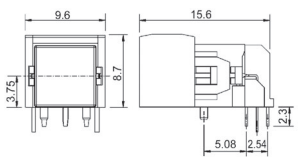




B173860
Illuminated tact switch
30V 0.1A

LED color:
A: red
B: green
C: blue





B174000
∫
B174003

Pin No	Position			
	0	1	2	3
0	●			
1		●		
2			●	
3				●

● Decimal code

B174004~B174006

B17400
∫
B17407

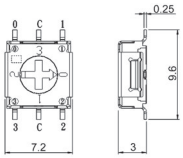
Pin No	Position															
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
4	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●
8	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●

● Real code

○ Complimentary code

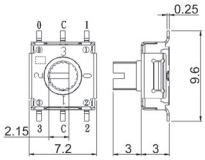
B174000
Rotary DIP switch (4 pos)
5V 100mA (Min. 5V 10μA)





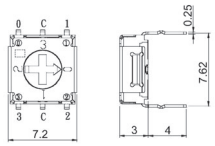
B174001
Rotary DIP switch (4 pos)
5V 100mA (Min. 5V 10μA)





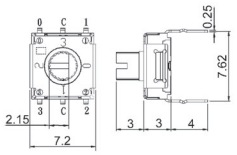
B174002
Rotary DIP switch (4 pos)
5V 100mA (Min. 5V 10μA)





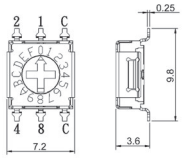
B174003
Rotary DIP switch (4 pos)
5V 100mA (Min. 5V 10μA)





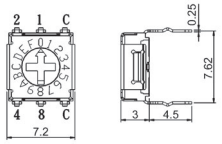
B174004
Rotary DIP switch (16 pos)
5V 100mA (Min. 5V 10μA)





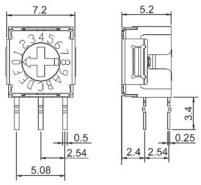
B174005
Rotary DIP switch (16 pos)
5V 100mA (Min. 5V 10μA)





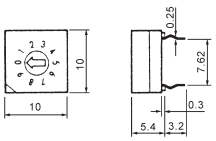
B174006
Rotary DIP switch (16 pos)
5V 100mA (Min. 5V 10μA)





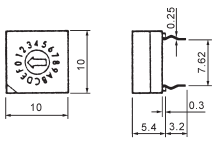
B17400
Rotary DIP switch (10 pos)
24V 25mA





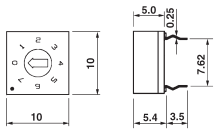
B17401
Rotary DIP switch (16 pos)
24V 25mA





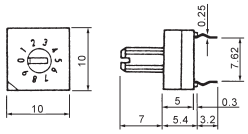
B174011
Rotary DIP switch (8 pos)
24V 25mA





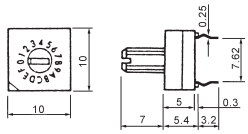
B17402
Rotary DIP switch (10 pos)
24V 25mA



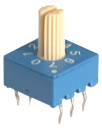


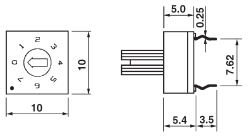
B17403
Rotary DIP switch (16 pos)
24V 25mA





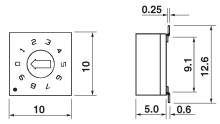
B17404
Rotary DIP switch (8 pos)
24V 25mA





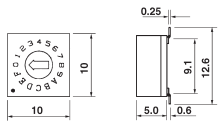
B17405
Rotary DIP switch (10 pos)
24V 25mA





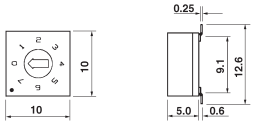
B17406
Rotary DIP switch (16 pos)
24V 25mA





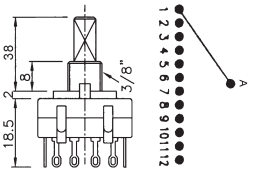
B17407
Rotary DIP switch (8 pos)
24V 25mA





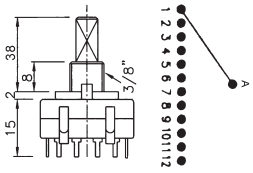
B17410
Rotary switch
1P-12pos 250V 150mA
(shorting contacts)

B174101
Rotary switch
1P-12pos 250V 150mA
(non shorting contacts)

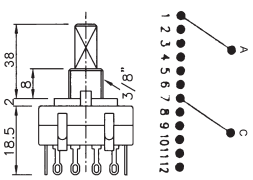
B17411
Rotary switch
1P-12pos 250V 150mA
PCB terminal
(shorting contacts)

B174111
Rotary switch
1P-12pos 250V 150mA
PCB terminal
(non shorting contacts)

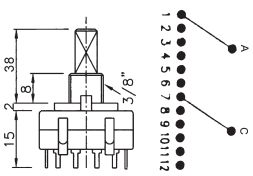
B17412
Rotary switch
2P-6pos 250V 150mA
(shorting contacts)

B174121
Rotary switch
2P-6pos 250V 150mA
(non shorting contacts)

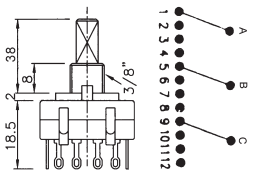
B17413
Rotary switch
2P-6pos 250V 150mA
PCB terminal
(shorting contacts)

B174131
Rotary switch
2P-6pos 250V 150mA
PCB terminal
(non shorting contacts)

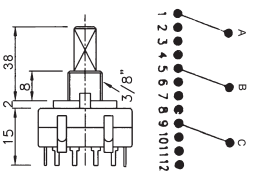
B17414
Rotary switch
3P-4pos 250V 150mA
(shorting contacts)

B174141
Rotary switch
3P-4pos 250V 150mA
(non shorting contacts)

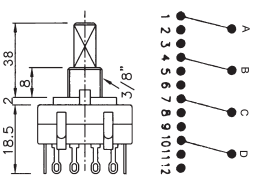
B17415
Rotary switch
3P-4pos 250V 150mA
PCB terminal
(shorting contacts)

B174151
Rotary switch
3P-4pos 250V 150mA
PCB terminal
(non shorting contacts)

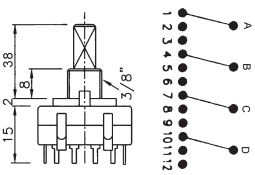
B17416
Rotary switch
4P-3pos 250V 150mA
(shorting contacts)

B174161
Rotary switch
4P-3pos 250V 150mA
(non shorting contacts)

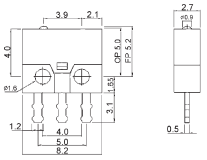



B17417
Rotary switch
4P-3pos 250V 150mA
PCB terminal
(shorting contacts)

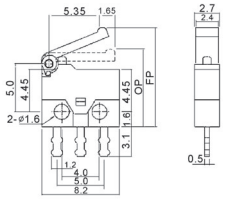
B174171
Rotary switch
4P-3pos 250V 150mA
PCB terminal
(non shorting contacts)

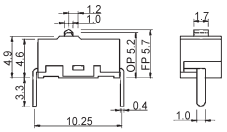
B175000
Sub-mini micro switch
(SPDT) on-on
DC 6V 0.3A

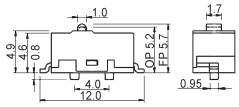
B175002
Sub-mini micro switch
(SPDT) on-on
DC 6V 0.3A

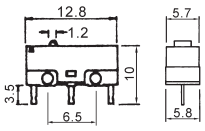
B175060
Sub-mini micro switch
(SPST) on-off
125V 0.1A

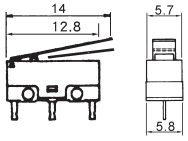
B175061
Sub-mini micro switch
(SPST) on-off
125V 0.1A

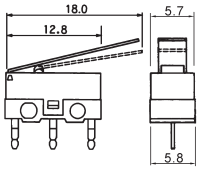
B1751
Sub-mini micro switch
(SPDT) on-on
125V 1A

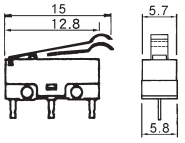
B1752
Sub-mini micro switch
(SPDT) on-on
125V 1A

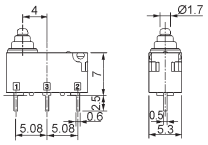
B17521
Sub-mini micro switch
(SPDT) on-on
125V 1A

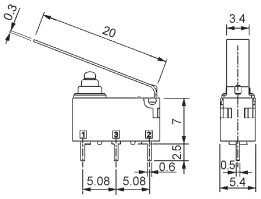
B1753
Sub-mini micro switch
(SPDT) on-on
125V 1A

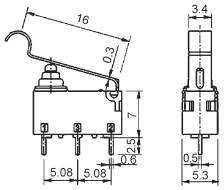
B1755A
Waterproof sub-mini micro switch
(SPDT) on-on
DC 24V 1A
Can reach to IP67

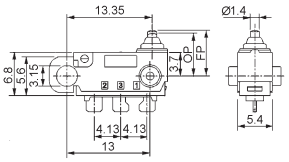
B1755C
Waterproof sub-mini micro switch
(SPDT) on-on
DC 24V 1A
Can reach to IP67

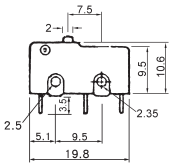
B1755D
Waterproof sub-mini micro switch
(SPDT) on-on
DC 24V 1A
Can reach to IP67

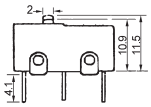
B1757
Waterproof sub-mini micro switch
(SPDT) on-on
125V 3A (250V 3A)
Can reach to IP67

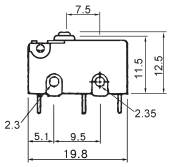
B175A
Mini micro switch
(SPDT) on-on
125V 3A (250V 3A)

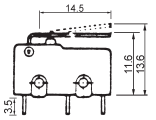
B175AP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 3A (250V 3A)

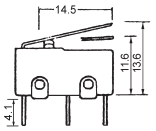
B175AS
Waterproof mini micro switch
(SPDT) on-on
125V 5A (250V 5A)

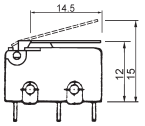
B175B
Mini micro switch
(SPDT) on-on
125V 3A (250V 3A)

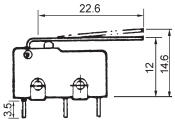
B175BP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 3A (250V 3A)

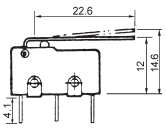
B175BS
Waterproof mini micro switch
(SPDT) on-on
125V 5A (250V 5A)

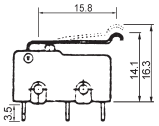
B175C
Mini micro switch
(SPDT) on-on
125V 3A (250V 3A)

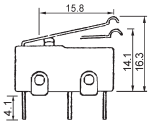
B175CP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 3A (250V 3A)

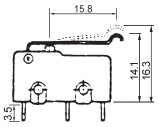
B175D
Mini micro switch
(SPDT) on-on
125V 3A (250V 3A)

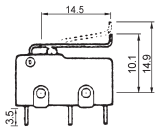
B175DP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 3A (250V 3A)

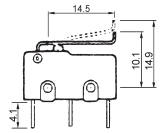
B175DS
Waterproof mini micro switch
(SPDT) on-on
125V 5A (250V 5A)

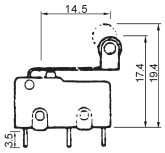
B175E
Mini micro switch
(SPDT) on-on
125V 5A (250V 3A)

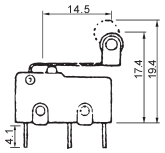
B175EP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 5A (250V 3A)

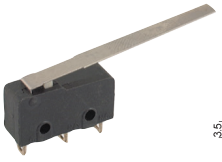
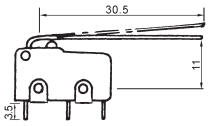
B175F
Mini micro switch
(SPDT) on-on
125V 3A (250V 3A)

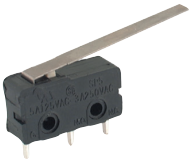
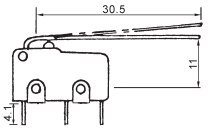
B175FP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 3A (250V 3A)

B175G
Mini micro switch
(SPDT) on-on
125V 5A (250V 3A)

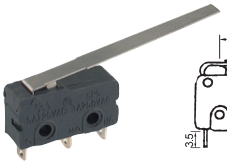
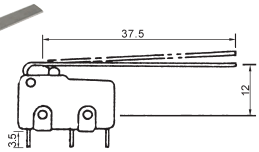



B175GP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 5A (250V 3A)

B175H
Mini micro switch
(SPDT) on-on
125V 5A (250V 3A)

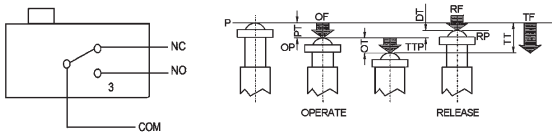
B175HP
Mini micro switch
PCB terminal
(SPDT) on-on
125V 5A (250V 3A)

Features

- •High temperature type, Max. 120°C.
- •Wide choice of heads and actuators.
- •Long life services.

Circuitry



Rating (contact)

5 A	125 or 250 V AC
0.5A	125 or 250 V DC

Characteristics

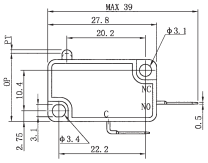
Operating speed	0.01mm to1m/sec
Operating frequency	mechanically:600 operations/Min.
	electrically:60 operations/Min.
Contact resistance	15mΩ Max.(initial)
Insulation resistance	100MΩ Min. (at 500V DC)
Dielectric strength	1,000VAC, 50/60 Hz for 1 minute between non-continuous terminals
	2,000VAC, 50/60 Hz for 1 minute between current-carrying part and ground
Vibration	malfunction durability : 10 to 55 Hz; 1.5mm double amplitude
Shock	mechanical durability: Approx.1,000m/sec² (Approx.100G's)
	malfunction durability: Approx. 300m/sec² (Approx. 30G's)
Ambient operating temperature	general purpose type:-25˚C to + 80˚C
	high temperature type:25˚C to 120˚C
Humidity	general purpose type:85% RH Max.
	sealed type:95% RH
Service life	mechanically: 5,000,000 operations Min.
	electrically: 500,000 operations Min.

Operating characteristics

	B180A	B180B	B180D	B180E	B180F	B180K	B180L	B180M	B180N	B180P
OF Max.	110g	160g	110g	70g	80g	160g	40g	80g	160g	280g
RF Min.	30g	30g	30g	25g	25g	30g	15g	30g	30g	50g
PT Max.	0.9mm	1.0mm	0.9mm	1.7mm	2.0mm	1.0mm	3.9mm	1.8mm	1.0mm	1.6mm
OT Min.	1.5mm	1.2mm	1.5mm	1.3mm	3.0mm	1.2mm	5.0mm	2.5mm	1.25mm	0.8mm
OP	17.50±0.5	18.05±0.5	17.5±0.5	18.3±0.8	23.5±1.5	18.05±0.5	18.05±2.0	21.75±1.5	23.45±1.0	20.70±0.6

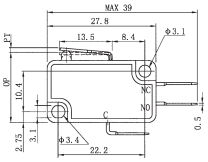
B180A
Micro switch
(SPST) on-off





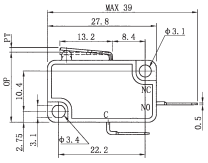
B180K
Micro switch
(SPDT) on-on





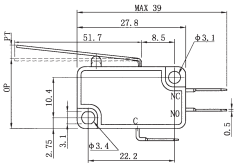
B180B
Micro switch
(SPST) on-off





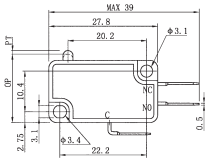
B180L
Micro switch
(SPDT) on-on





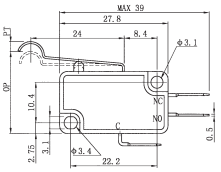
B180D
Micro switch
(SPDT) on-on





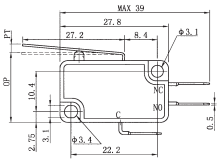
B180M
Micro switch
(SPDT) on-on





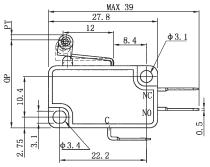
B180E
Micro switch
(SPDT) on-on





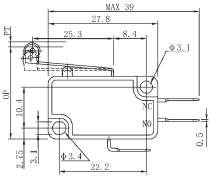
B180N
Micro switch
(SPDT) on-on





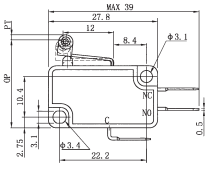
B180F
Micro switch
(SPDT) on-on



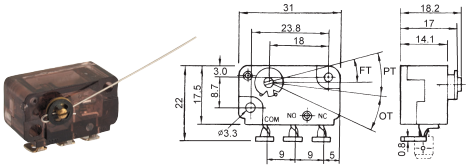


B180P
Micro switch
teflon roller
(SPDT) on-on





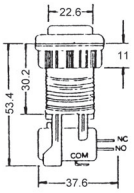
B181A
Low torque switch
(SPDT) on-on
250V 3A



B181L
Pushbutton switch
(SPDT) on-on
250V 5A

Color:red yellow green
blue orange white

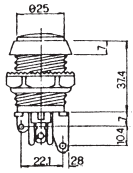




B181M
Illuminated pushbutton
switch W/O lamp
(SPDT) on-on
12V 1A

Color:red yellow
green blue

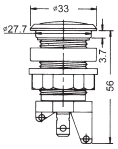




B181P
Illuminated pushbutton
switch W/O lamp
(SPDT) on-on
12V 1A

Color:red yellow green
blue white pink

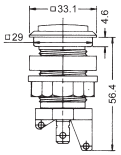




B181Q
Illuminated pushbutton
switch W/O lamp
(SPDT) on-on
12V 1A

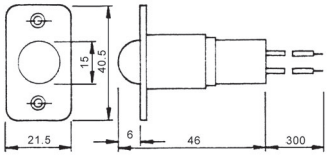
Color:red yellow green
blue pink





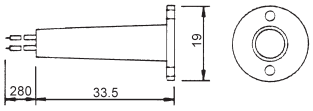
B182G
Reed-alarm switch push on type
Operating gap 3.5mm Max.





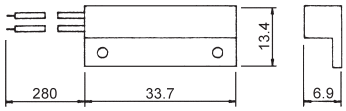
B182H
Reed-alarm switch NC type
Operating gap 2cm Max.





B182J
Reed-alarm switch NC type
Operating gap 2.3cm Max.

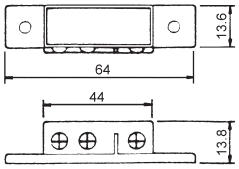




B182K
Reed-alarm switch NO and NC Type

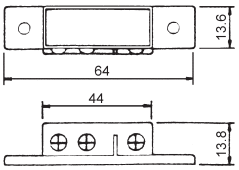
B182M
Reed-alarm switch NC type





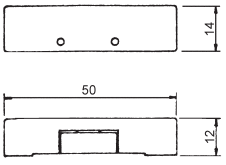
B182N
Reed-alarm switch NO type
Operating gap 3cm Max.





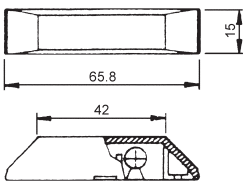
B182R
Reed-alarm switch NC type
Dust proof
Operating gap 4cm Max.





B182S
Reed-alarm switch NC type
Double-deck shell to cionceal
Screw hold
Operating gap 3.2cm Max.

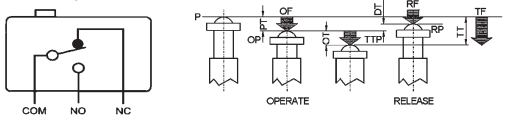




Features

- Regular or sealed operating heads.
- Momentary contacts.
- Completely sealed constructure.
- Wide choice of heads and actuators.
- Plastic(standard) or phenolic housing.
- Regular or light operating force.
- Temperature range +5°F to +175°F (-15°C to +80°C).

Circuitry



Rating (contact)

15 A	250 V AC
1/4 HP	250 V AC

Characteristics

Operating speed	0.01mm to 1m/sec
Operating frequency	mechanically:240 operations/mm
	electrically:20 operations/mm
Contact resistance	15mΩ Max.(initial)
Insulation resistance	100MΩ Min. (at 500 V DC)
Dielectric strength	1,000VAC, 50/60 Hz for 1 minute between non-continuous terminals 2,000VAC, 50/60 Hz for 1 minute between current-carrying part and ground
Vibration	malfunction durability : 10 to 55 Hz; 1.5mm double amplitude
Shock	mechanical durability: Approx. 1,000 m/sec² (Approx. 100 G's)
	malfunction durability: Approx. 300 m/sec² (Approx. 30 G's)
Ambient operating temperature	general purpose type:-25˚C to + 80˚C
	sealed type:-15 to 80˚C
Humidity	general purpose type:85% RH Max.
	sealed type:95% RH
Service life	mechanically: 1,000,000 operations Min.
	electrically: 100,000 operations Min.

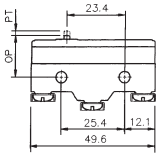
Operating characteristics

	B183A /AS	B183B /BS	B183C /CS	B183E /ES	B183F /FS	B183G /GS	B183H /HS	B183K /KS	B183L /LS	B183M /MS
OF Max. (g)	250-350/500	141/400	141/400	250-350/500	250-350/500	250-350/500	70/100	100/130	160/190	170/190
RF Min. (g)	114	14/50	14/50	114	114	114	14	22/21	42	42/50
PT Max. (mm)	0.4	4	4	0.4	0.4	0.4	10	7.1	2.7	2.7
OT Min. (mm)	0.13	1.6	1.6	1.6	5.5	3.58	5.6	4.0	2.4	2.4
DT Max. (mm)	0.05	1.3	1.3	0.05	0.05	0.05	1.27/2	1.02/1.6	0.5/0.8	0.51/0.8
OP (mm)	15.9±0.4	17.4±0.8	28.6±0.8	21.5±0.5	21.8±0.8	33.4±1.2	19±0.8	30.2±0.8	30.2±0.4	41.3±0.8

B183A /AS
Micro switch
(SPDT) on-on

A - general type
AS- sealed type

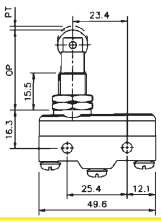




B183G /GS
Micro switch
(SPDT) on-on

G - general type
GS- sealed type

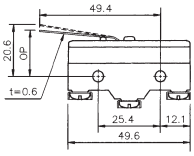




B183B /BS
Micro switch
(SPDT) on-on

B - general type
BS- sealed type

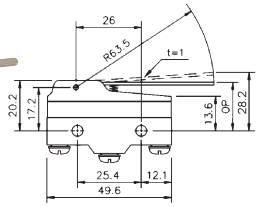




B183H /HS
Micro switch
(SPDT) on-on

H - general type
HS- sealed type

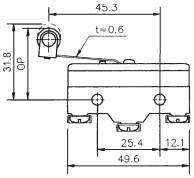




B183C /CS
Micro switch
(SPDT) on-on

C - general type
CS- sealed type

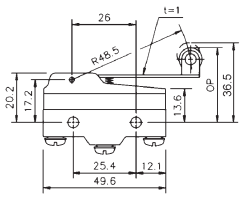




B183K /KS
Micro switch
(SPDT) on-on

K - general type
KS- sealed type

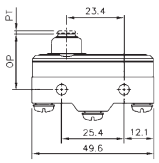




B183E /ES
Micro switch
(SPDT) on-on

E - general type
ES- sealed type

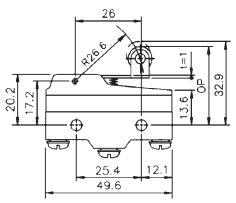




B183L /LS
Micro switch
(SPDT) on-on

L - general type
LS- sealed type

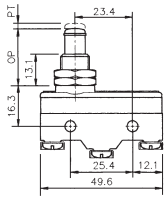




B183F /FS
Micro switch
(SPDT) on-on

F - general type
FS- sealed type

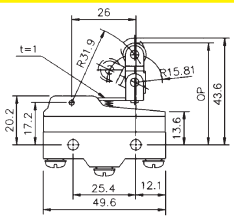




B183M /MS
Micro switch
(SPDT) on-on

M - general type
MS- sealed type





B18490 x x (from **B18490** to **B18495**)

Rating (contact)
Contact block
Item No.

Signal	A	B
Contact block	1NO1NC	2NO2NC

Signal	A	B	C	D
Contact rating (Resistive load)	110V1A	220V0.5A	24V1A	12V1A
Lamp	LED 110V2mA	LED 220V2mA	LED 24V20mA	LED 12V20mA

Lens color : red, blue, green, white, orange

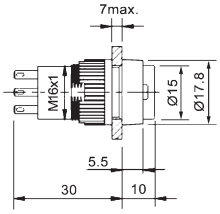
Specifications

Contact resistance	50mΩ Max. (initial value)
Insulation resistance	100MΩ Min. (at 500VDC)
Dielectric strength	between non-continuous terminals: 1000VAC/1minute between current-carrying part&ground: 2000VAC/1minute
Ambient operating temperature	-25˚C ~ +55˚C
Humidity	45% ~ 80%RH
Mechanical life	momentary: 2,000,000 Min. alternate: 250,000 Min.
Electrical life	momentary: 100,000 Min. (1800 operations/hour) alternate: 100,000 Min. (1200 operations/hour)
Protection grade	IP40

B18490
Illuminated pushbutton switch
Alternate type

B18491
Illuminated pushbutton switch
Momentary type



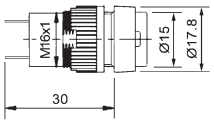


B1870A /B /C /D
Indicator light

Signal	A	B	C	D
Rating	110V	220V	24V	12V

Lens color: red blue green white orange

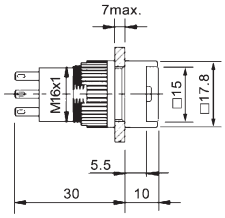




B18492
Illuminated pushbutton switch
Alternate type

B18493
Illuminated pushbutton switch
Momentary type



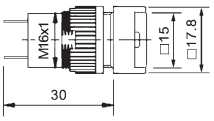


B1871A /B /C /D
Indicator light

Signal	A	B	C	D
Rating	110V	220V	24V	12V

Lens color: red blue green white orange

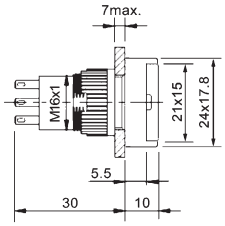




B18494
Illuminated pushbutton switch
Alternate type

B18495
Illuminated pushbutton switch
Momentary type



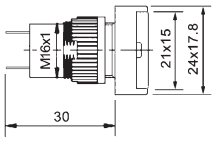


B1872A /B /C /D
Indicator light

Signal	A	B	C	D
Rating	110V	220V	24V	12V

Lens color: red blue green white orange





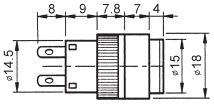
B1856B /C /D
Illuminated pushbutton switch
Alternate type

B18561B /C /D
Illuminated pushbutton switch
Momentary type



Signal	B	C	D
Rating	250V3A	24V3A	12V5A

Lens color: red blue green orange white



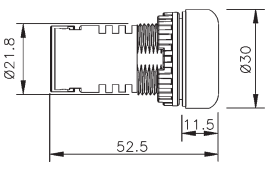
B1875A /B /C /D
Continuous buzzer

B18751A /B /C /D
Intermittence buzzer

Signal	A	B	C	D
Rating	110V	220V	24V	12V

Lens color: black





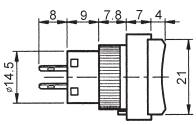
B1857B /C /D
Illuminated pushbutton switch
Alternate type

B18571B /C /D
Illuminated pushbutton switch
Momentary type



Signal	B	C	D
Rating	250V3A	24V3A	12V5A

Lens color: red blue green orange white



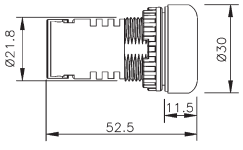
B1876A /B /C /D
Buzzer indicator light
Continuous light type

B18761A /B /C /D
Buzzer indicator light
Flashing light type

Signal	A	B	C	D
Rating	110V	220V	24V	12V

Lens color: red





B19300 x (from **B19300** to **B19310**)
- Contact block
- Item No.

B19315 x x (from **B19315** to **B19330**)
- Rated voltage
- Contact block
- Item No.

Contact block (NO : green ; NC : red)

A	B	C	D	E	F	G	H
1NO	1NC	1NO1NC	2NO	2NC	2NO2NC	4NO	4NC

Rated voltage

Signal	A	B	C	D	E
Rating	110 V	220 V	6 V	12 V	24 V

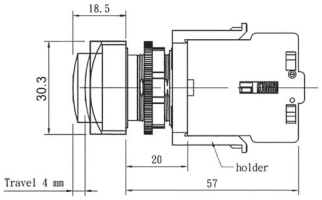
Specifications

Contact resistance	50mΩ max. (initial)
Dielectric strength	2500VAC, 1min.
Operating temperature	-25˚C~+70˚C ; -25˚C~+50˚C(illuminated type)
Operating force	35N (momentary) ; 25N (maintained/mushroom)
Mechanical life	5,000,000times(momentary);500,000times(maintained) 1,000,000times(mushroom)
Electrical life	500,000 times
Rated insulation voltage	650VAC
Rated thermal current	10Amp
Protection degree	IP65 (from the front of panel)

B19300
Extended head pushbutton switch (maintained)
B19301
Extended head pushbutton switch (momentary)

Pushbutton color : blue green red yellow white black orange

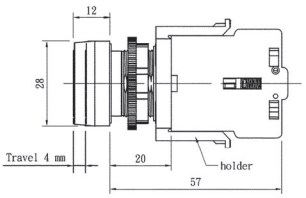




B19315
Illuminated flat head pushbutton switch (maintained)
B19316
Illuminated flat head pushbutton switch (momentary)

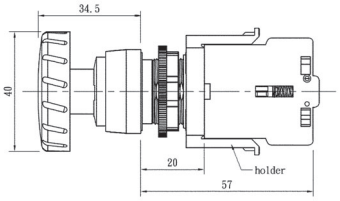
Lens color : blue green red yellow white black orange





B19305
Mushroom head pushbutton switch (momentary)
Pushbutton color : blue green red yellow black

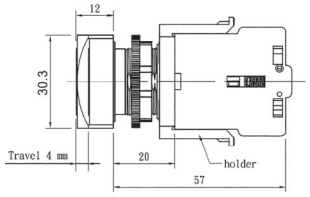




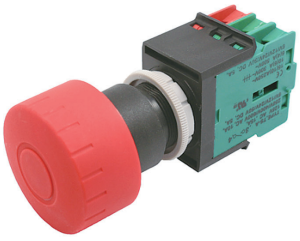
B19320
Illuminated flat head pushbutton switch (maintained)
B19321
Illuminated flat head pushbutton switch (momentary)

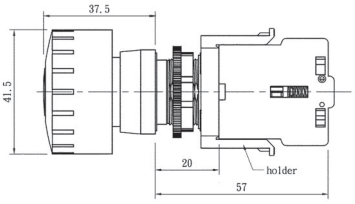
Lens color : blue green red yellow white black orange





B19310
Big mushroom head pushbutton switch (momentary)
Pushbutton color : red

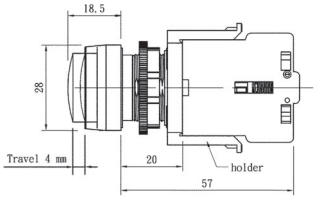




B19325
Illuminated extended head pushbutton switch (maintained)
B19326
Illuminated extended head pushbutton switch (momentary)

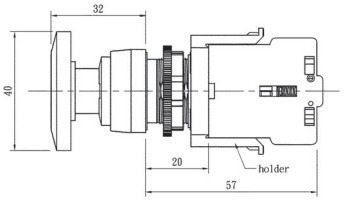
Lens color : blue green red yellow white black orange





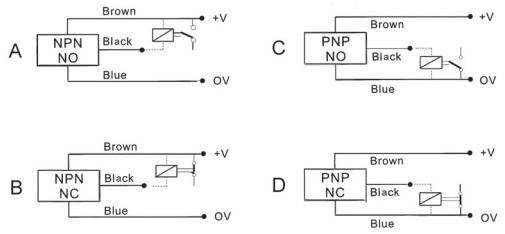
B19330
Illuminated mushroom head pushbutton switch (momentary)
Lens color : red green





B19430 x (from **B19430** to **B19436**)

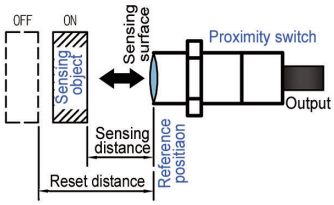
Item No. — Output — A: NPN NO C: PNP NO / B: NPN NC D: PNP NC



Power supply	10-30V DC
Current consumption	10mA Max.
Load current	Sink current 150mA Max.
Degree of protection	IP67
Wiring material	PVC oil resistance
Operating temperature	-20˚C~70˚C
Cable length	2M

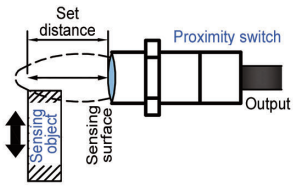
Explanation of terms:

Sensing Distance



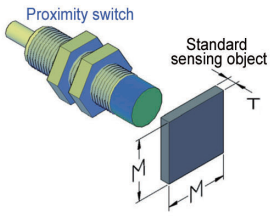
The distance from the reference position (reference surface) to the measured operation (reset) when the standard sensing object is moved by the specified method.

Set Distance



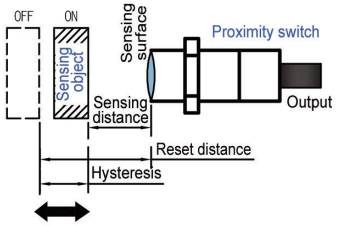
The distance from the reference surface that allows stable use, including the effects of temperature and voltage, to the (standard) sensing object transit position.

Standard Sensing Object



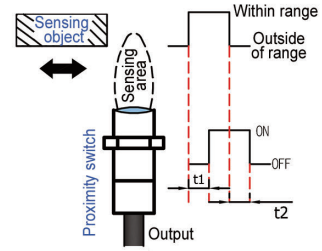
A sensing object that serves as a reference for measuring basic performance, and that is made of specified materials and has a specified shape and dimensions.

Hysteresis (Differential Travel)



With respect to the distance between the standard sensing object and the sensor, the difference between the distance at which the sensor operates and the distance at which the sensor resets.

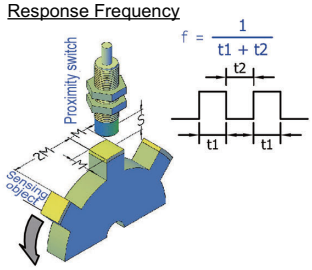
Response Time



t1: The interval from the point when the standard sensing object moves into the sensing area and the sensor activates, to the point when the output turns ON.

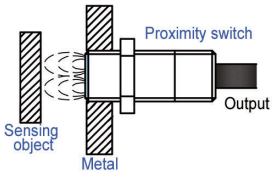
t2: The interval from the point when the standard sensing object moves out of the sensor sensing area to the point when the sensor output turns OFF.

Response Frequency



The number of detection repetitioins that can be output per second when the standard sensing object is repeatedly brought into proximity.

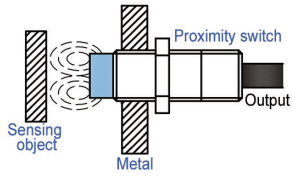
Shielded



Magnetic flux is concentrated in front of the sensor and the sides of the sensor coil are covered with metal.

The sensor can be mounted by embedding it into metal.

Unshielded



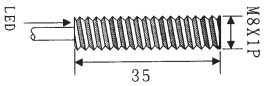
Magnetic flux is spread widely in front of the sensor and the sides of the sensor coil are not covered with metal.

This model is easily affected by surrounding metal objects (magnetic objects), so care must be taken in selecting the mounting location.

B19430
Tubular proximity switch
Sensing distance : 1mm
Response frequency : 1.5KHz
Standard object (iron) : 8x8x1t (t=1mm)

CE

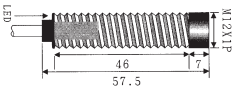




B19434
Tubular proximity switch
Sensing distance : 4mm
Response frequency : 600Hz
Standard object (iron) : 12x12x1t (t=1mm)

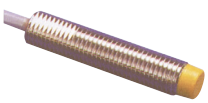
CE

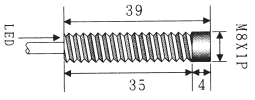




B19432
Tubular proximity switch
Sensing distance : 2mm
Response frequency : 1.5KHz
Standard object (iron) : 8x8x1t (t=1mm)

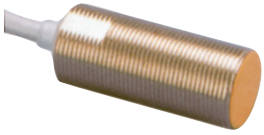
CE

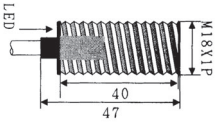




B19436
Tubular proximity switch
Sensing distance : 5mm
Response frequency : 200Hz
Standard object (iron) : 18x18x1t (t=1mm)

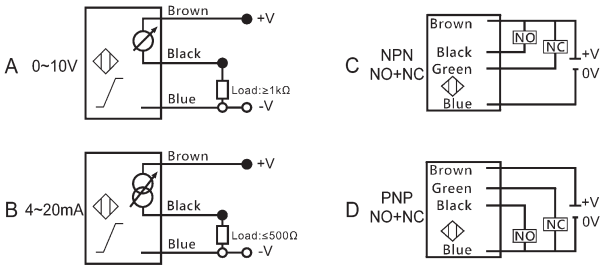
CE



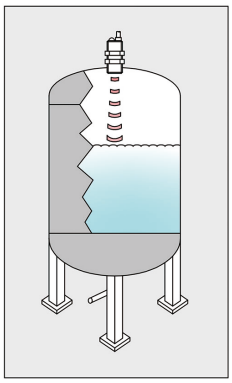


B19450 x (from **B19450** to **B19452**)

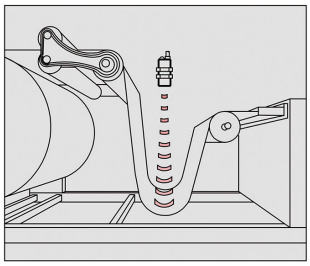
Output Item No. — A: 0~10V B: 4~20mA C: NPN NO/NC D: PNP NO/NC



Applications :



Detecting liquid levels



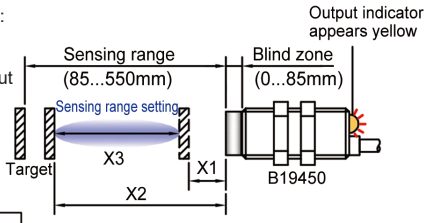
Control of sheet tension

Features :

- Ensure the stable detection of a variety of objects regardless of the color, transparency, glass, material or non-material.
- Teach-in button set up, can provide outstanding background suppression to detect objects reliably.
- Reversed polarity & short circuit protection.
- IP65 protection, high immunity to dirty, dust and fog.

Distance setting :

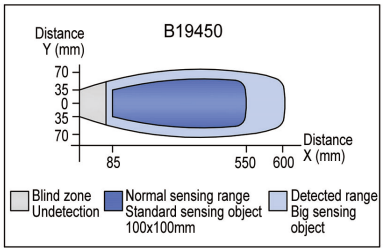
After B19450 has been set, the output indicator appears yellow when the sensing object through the sensing range.

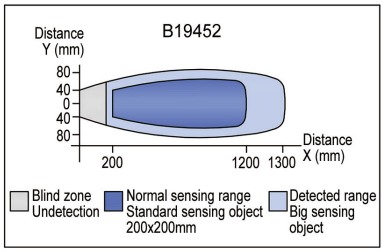


The distance between X1 and X2 has need to longer than 50mm.

X1: Place the sensing object at the nearest point within the sensing range.
X2: Place the sensing object at the farthest point within the sensing range.

Detection area :

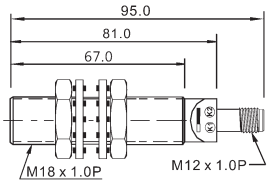




B19450
Ultrasonic sensor M18x1.0
with M12 cable 2M

CE



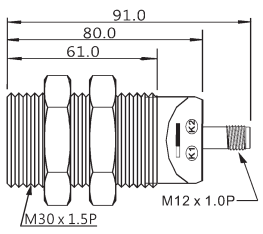


Code	A	B	C	D
Switching output	0~10V	4~20mA	NPN NO/NC	PNP NO/NC
Sensing distance	8.5~55cm			
Standard sensing object	Plate glass 100x100mm			
Operating voltage	DC 18~30V		DC 12~24V	
Load current	-		<200mA	
Response time	<200ms			
Ultrasonic frequency	200kHz			
Hysteresis	20mm			
Operation indicator	Yellow LED			
Ambient temperature	-20˚C~70˚C			
Humidity	RH 35~85%			
Connecting method	M12 plug connector			

B19452
Ultrasonic sensor M30x1.5
with M12 cable 2M

CE





Code	A	B	C	D
Switching output	0~10V	4~20mA	NPN NO/NC	PNP NO/NC
Sensing distance	20~120cm			
Standard sensing object	Plate glass 200x200mm			
Operating voltage	DC 18~30V		DC 12~24V	
Load current	-		<200mA	
Response time	<200ms			
Ultrasonic frequency	112kHz			
Hysteresis	20mm			
Operation indicator	Yellow LED			
Ambient temperature	-20˚C~70˚C			
Humidity	RH 35~85%			
Connecting method	M12 plug connector			

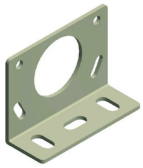
B19450MA
Mounting bracket for M18 sensor
(for B19450)



B19450MB
Mounting bracket for M18 sensor
(for B19450)

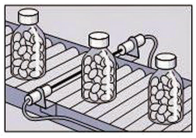


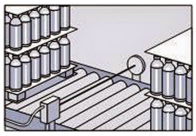
B19452MA
Mounting bracket for M30 sensor
(for B19452)

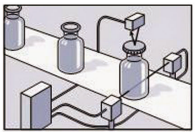


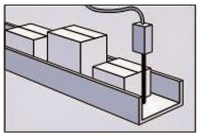
Introduction (for B19470 ~ B19501) :
In comparison to other types of sensors, photoelectric sensors can detect objects from relatively far away. They also provide accurate results, fast. Unlike some other types of sensors, they do not require contact with another object. This improves reliability and can pretty much detect almost any kind of item, regardless of its materials.

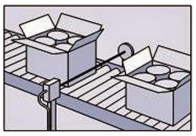
Applications:


Verifying objects in clear bottles


Flow of pallets carrying bottles


Detecting caps on bottles

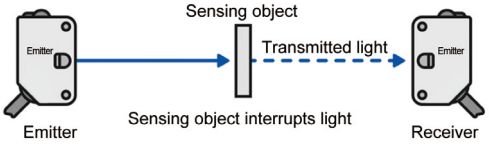

Detecting items of varying height


Counting cartons

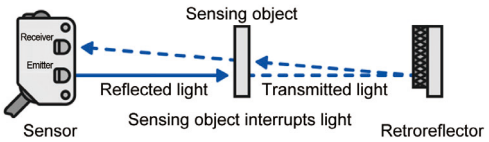

Car wash

Main types of photoelectric sensors:

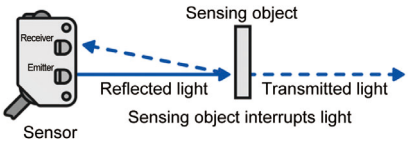
Through-beam sensors



Retro-reflective sensors

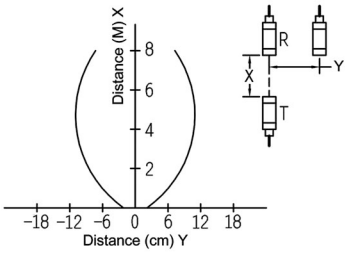


Diffuse-reflective sensors

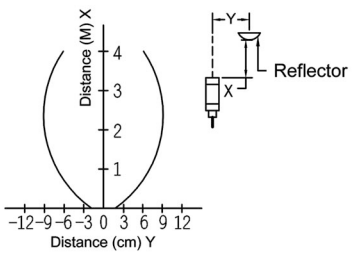


Parallel sensing range:

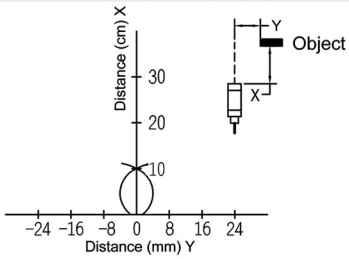
B19470 Sensing range



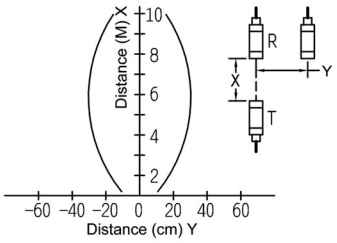
B19471 Sensing range



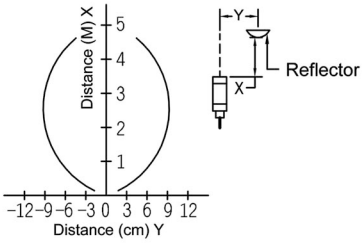
B19472 Sensing range



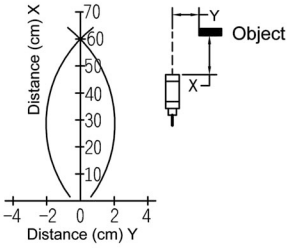
B19480 Sensing range



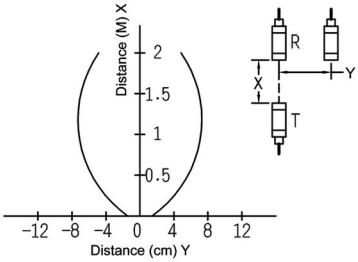
B19481 Sensing range



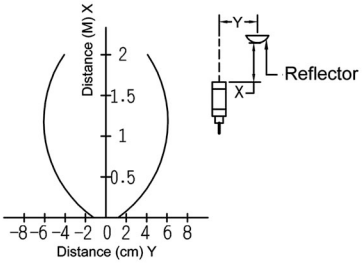
B19482 Sensing range



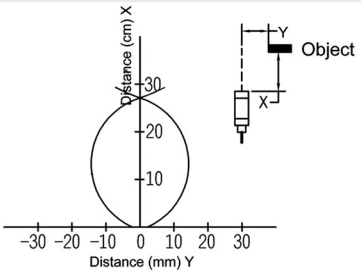
B19490 Sensing range



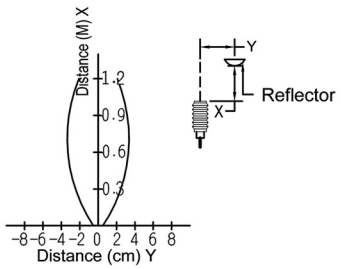
B19491 Sensing range



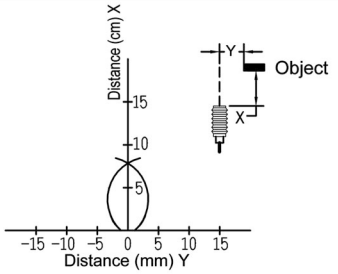
B19492 Sensing range



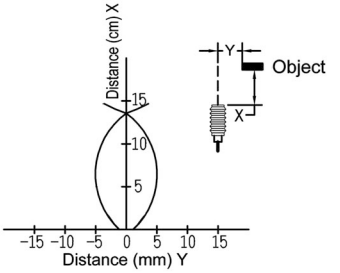
B19500 Sensing range



B19501A Sensing range



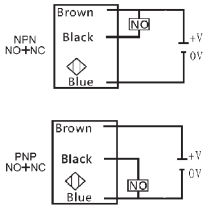
B19501B Sensing range

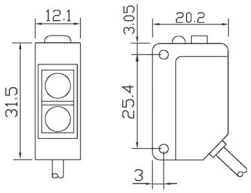


B19470 x Photoelectric sensor through-beam (2M)
B19471 x Photoelectric sensor retro-reflective W/reflector (2M)
B19472 x Photoelectric sensor diffuse-reflective (2M)

Item No. — Output: A: NPN NO/NC; B: PNP NO/NC





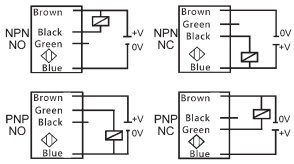


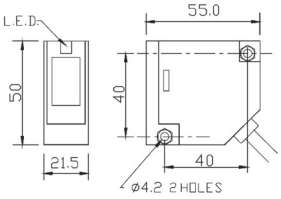
Item No.	B19470	B19471	B19472
Sensing distance	8M	3M	10cm
Standard sensing object	Opaque 15mm	Opaque 75mm	White paper 80x80mm
Operating voltage	DC 12~24V		
Response time	< 5ms		
Load current	< 100mA		
Operation indicator	Red LED		
Light source	Infrared LED		
Enclosure protection	IEC IP65		
Ambient temperature	-20˚C~55˚C		
Circuit protection	Reversed polarity protection Short circuit protection		
Ambient illumination	Lamplight < 3000 Lux Sunlight < 10000 Lux		
With light on and dark on two functions			

B19480 x Photoelectric sensor through-beam (2M)
B19481 x Photoelectric sensor retro-reflective W/reflector (2M)
B19482 x Photoelectric sensor diffuse-reflective (2M)

Item No. — Output: A: NPN NO B: NPN NC; C: PNP NO D: PNP NC





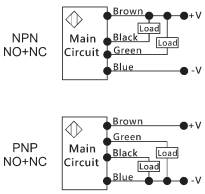


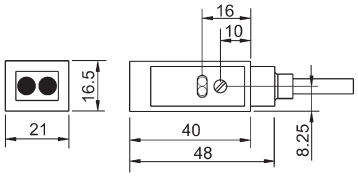
Item No.	B19480	B19481	B19482
Sensing distance	10M	4M	70cm
Standard sensing object	Opaque 20mm	Opaque 70mm	White paper 30x30cm
Operating voltage	DC 12~24V		
Response time	< 10ms		
Load current	< 200mA		
Operation indicator	Red LED		
Light source	Infrared LED		
Enclosure protection	IEC IP65		
Ambient temperature	-20˚C~55˚C		
Circuit protection	Reversed polarity protection Short circuit protection		
Ambient illumination	Lamplight < 3500 Lux Sunlight < 11000 Lux		
Exclusive innovation of 4 in 1 switch output functions			

B19490 x Photoelectric sensor through-beam (2M)
B19491 x Photoelectric sensor retro-reflective W/reflector (2M)
B19492 x Photoelectric sensor diffuse-reflective (2M)

Item No. — Output: A: NPN NO/NC; B: PNP NO/NC





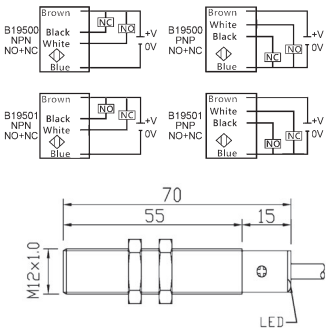


Item No.	B19490	B19491	B19492
Sensing distance	2M	2M	30cm
Standard sensing object	Opaque 10mm	Opaque 50mm	White paper 12x12cm
Operating voltage	DC 12~24V		
Response time	< 5ms		
Load current	< 200mA		
Operation indicator	Red LED		
Light source	Infrared LED		
Enclosure protection	IEC IP65		
Ambient temperature	-20˚C~55˚C		
Circuit protection	Reversed polarity protection		
Ambient illumination	Lamplight < 3000 Lux Sunlight < 10000 Lux		
With light on and dark on two functions			

B19500 x Photoelectric sensor retro-reflective W/reflector (2M)
B19501 x Photoelectric sensor diffuse-reflective (2M)

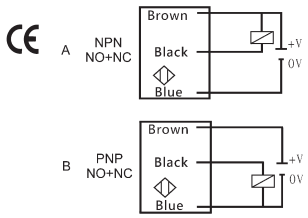
Item No. — Output: A: NPN NO/NC; B: PNP NO/NC





Item No.	B19500	B19501A	B19501B
Sensing distance	1.2M	8M	15cm
Standard sensing object	Opaque 30mm	White paper 80x80mm	
Operating voltage	DC 12~24V		
Response time	< 5ms		
Load current	< 100mA		
Operation indicator	Red LED		
Light source	Infrared LED		
Enclosure protection	IEC IP65		
Ambient temperature	-20˚C~55˚C		
Circuit protection	Short circuit protection		
Ambient illumination	Lamplight < 3000 Lux Sunlight < 10000 Lux		
With light on and dark on two functions			

B19530 x Digital fiber-optic amplifier (2M)
- Output
  - A: NPN NO/NC
  - B: PNP NO/NC

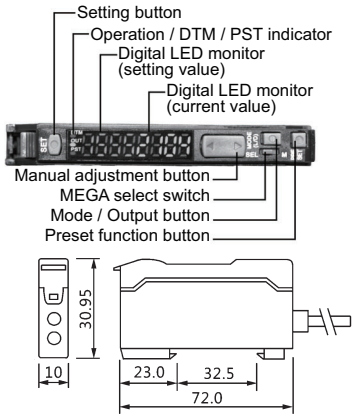


Features :
- Highly visible dual LED monitor, automatic and manual of sensitivity adjustment, easy setting for wide range application.
- Short response time, equipped with automatic maintenance (DATUM) and long distance detect functions.
- Reversed polarity & short circuit protection.
- Protective grade : IEC IP65

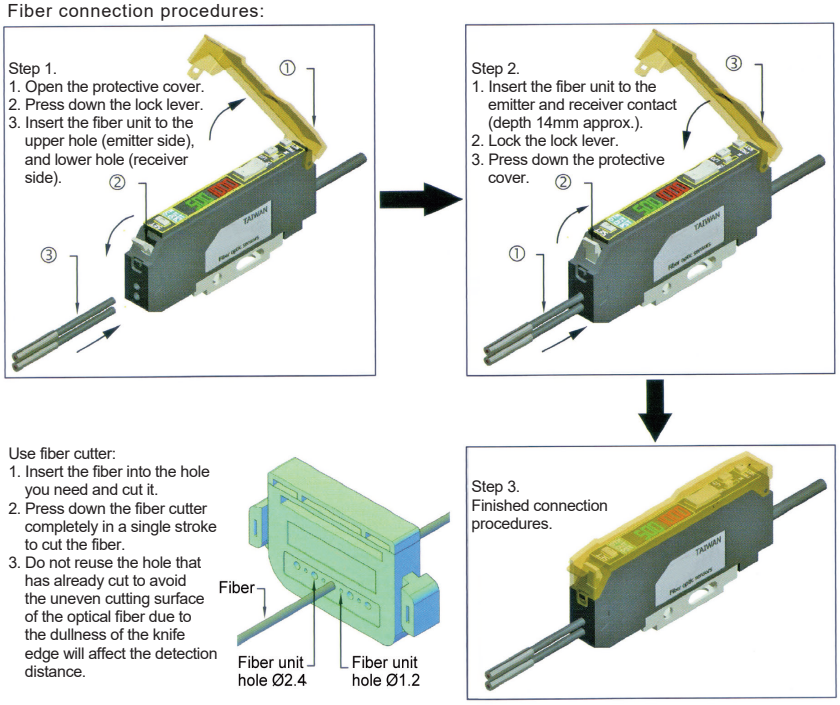
Operating voltage	DC 12~24V
Response time	High speed mode ≤ 0.1ms Fine mode ≤ 0.5ms Super mode ≤ 1ms Mega mode ≤ 16ms
Timer function	On-delay / Off-delay / One shot-delay (0.1~9999ms) Timer off
Load current	< 100mA
Operation indicator	Red LED
Light source	Red LED
Ambient temperature	-20˚C~55˚C



Setting and Display Overview :

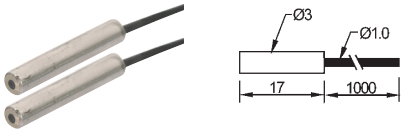


Fiber connection procedures:

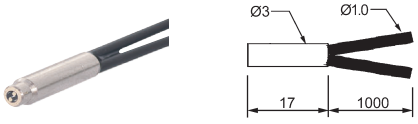


Use fiber cutter:
1. Insert the fiber into the hole you need and cut it.
2. Press down the fiber cutter completely in a single stroke to cut the fiber.
3. Do not reuse the hole that has already cut to avoid the uneven cutting surface of the optical fiber due to the dullness of the knife edge will affect the detection distance.

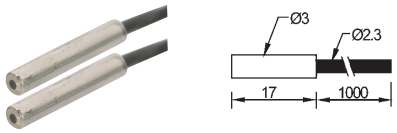
B19540
Fiber optic sensor cable
through-beam (1M)
sensing distance: 25~80mm



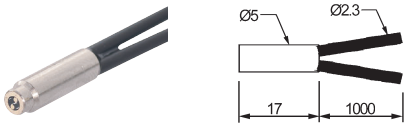
B19550
Fiber optic sensor cable
diffuse-reflective (1M)
sensing distance: 8~35mm



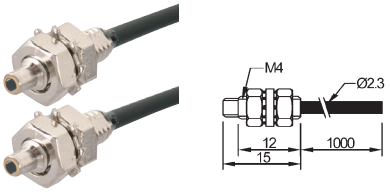
B19541
Fiber optic sensor cable
through-beam (1M)
sensing distance: 65~400mm



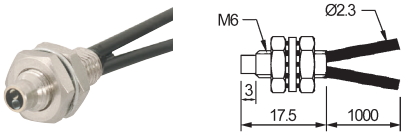
B19551
Fiber optic sensor cable
diffuse-reflective (1M)
sensing distance: 35~100mm



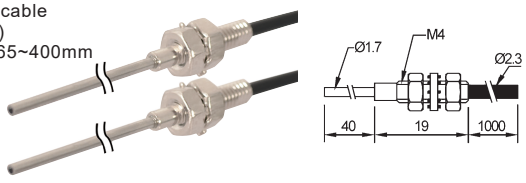
B19544
Fiber optic sensor cable
through-beam (1M)
sensing distance: 65~400mm



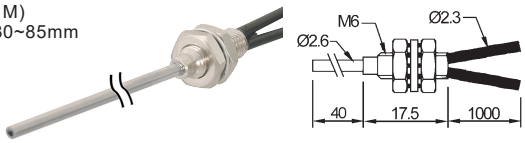
B19554
Fiber optic sensor cable
diffuse-reflective (1M)
sensing distance: 30~85mm



B19547
Fiber optic sensor cable
through-beam (1M)
sensing distance: 65~400mm

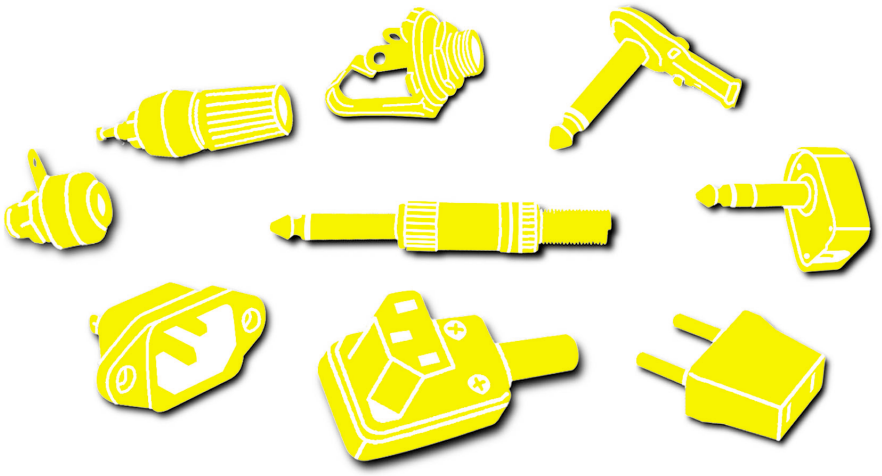


B19557
Fiber optic sensor cable
diffuse-reflective (1M)
sensing distance: 30~85mm



Audio connectors series

K

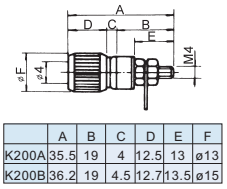


Binding Post / Fuse & Fuse Holder / Resettable Fuse / Thermal Cutoff / Sub-miniature Fuse / AC Socket / EMI Filters / Clip / RCA Phono Plug & Jack / Screw & Push Terminal / Phone Plug & Jack / Banana Plug / Adaptor / Auto Plug & Jack / Auto USB Charger / DC Plug & Jack / DIN Plug & Socket / Convert Plug / Universal Adapter



K200A /B
Binding post

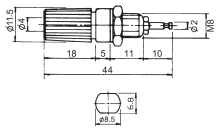




	A	B	C	D	E	F
K200A	35.5	19	4	12.5	13	ø13
K200B	36.2	19	4.5	12.7	13.5	ø15

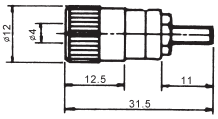
K201
Binding post





K203
Binding post

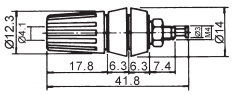




K205
Binding post

K2051
Binding post
(gold plated)

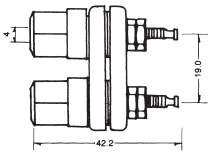




K206
Double binding post

K2061
Double binding post
(gold plated)

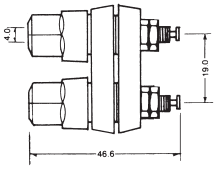




K207
Double binding post

K20701
Double binding post
(gold plated)

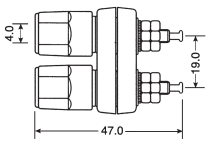




K207020
Double binding post

K207021
(gold plated)

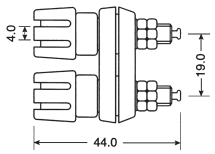




K207022
Double binding post

K207023
(gold plated)

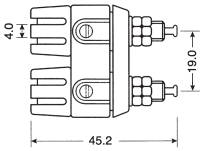




K207024
Double binding post

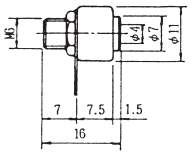
K207025
(gold plated)





K2074
Binding post

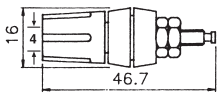




K2076
Binding post

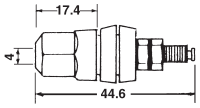
K20761
Binding post
(gold plated)





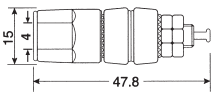
K208
Binding post





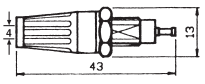
K209
Binding post





K210
Binding post

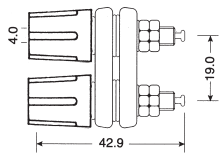




K2102
Double binding post

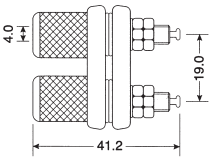
K2103
(gold plated)





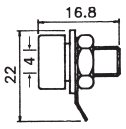
K2104
Double binding post
(gold plated)





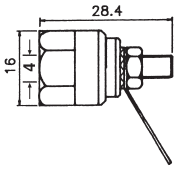
K211
Binding post





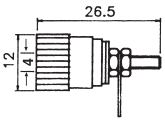
K212
Binding post





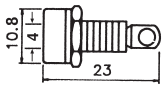
K213
Binding post





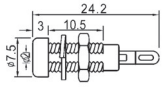
K214
Binding post





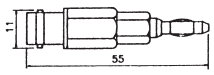
K2141
Binding post (2mm)





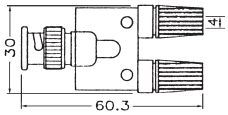
K2149
BNC female to banana plug





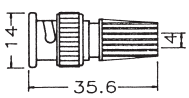
K215
BNC male to double binding post





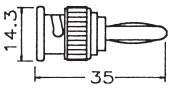
K2150
BNC male to binding post





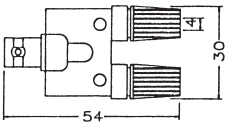
K2151
BNC male to banana plug





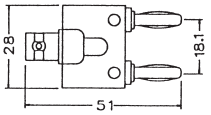
K2152
BNC female to double binding post





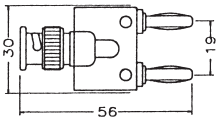
K2153
BNC female to double banana plug





K2154
BNC male to double banana plug

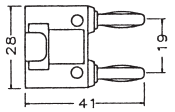




K2155
Double banana plug

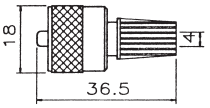
K2156
Double banana plug (gold plated)





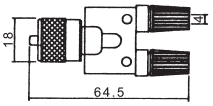
K2160
UHF male to binding post





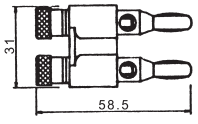
K2161
UHF male to double binding post





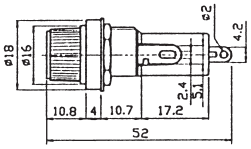
K2162
Double banana plug (gold plated)





K220
Fuse holder 6.4Ø x 30mm
250V 10A

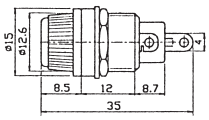




K2201
Fuse holder 6.4Ø x 30mm
250V 10A

K221
Fuse holder 5.2Ø x 20mm
250V 10A

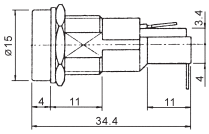




K2211
Fuse holder 5.2Ø x 20mm
250V 10A

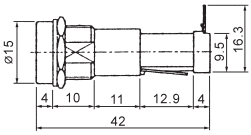
K2261
Fuse holder 5.2Ø x 20mm
250V 10A





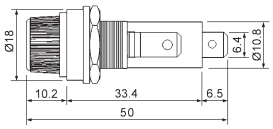
K2271
Fuse holder 6.4Ø x 30mm
250V 15A





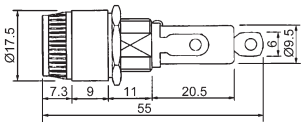
K229
Fuse holder 6.4Ø x 30mm
250V 10A



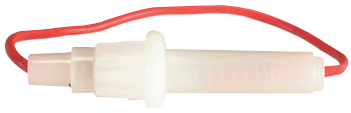


K2291
Fuse holder 6.4Ø x 30mm
250V 30A





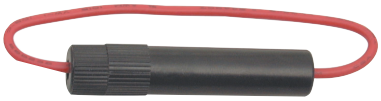
K2341
Fuse holder (using fuse 6.4Ø x 30mm)
Standard lead length 300mm



K23411
Fuse holder (using fuse 5.2Ø x 20mm)
Standard lead length 200mm

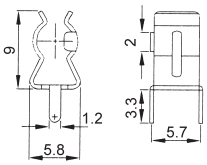


K23412
Fuse holder bakelite (using fuse 6.4Ø x 30mm)
Standard lead length 300mm



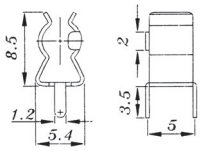
K2342
Fuse holder (using fuse 5.2Ø x 20mm)





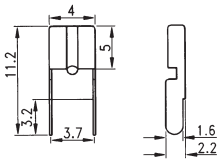
K234211
Fuse holder (using fuse 5.2Ø x 20mm)





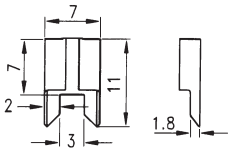
K23440
Fuse holder





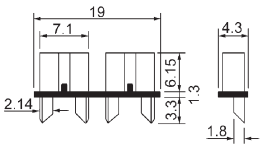
K23441
Fuse holder for K2394 ~ K2395





K23442
Fuse holder for K2394~K2395





Fuse (6.35Ø x 31.75mm)
K2361 0.5A ~ 30A



Fuse (5.2Ø x 20mm)
K2371 0.5A ~ 30A



Ceramic SMD fuse (6.1 x 2.6mm)
K23930 0.1A ~ 10A (125V)

Slow blow ceramic SMD fuse
K23931 0.2A ~ 7A (125V)



Application:
• Notebook Computers • Wireless Base Station

LTCC chip fuse (3.1 x 1.6mm)
K239320 1A ~ 8A (63V)

Slow blow LTCC chip fuse
K239321 1A ~ 8A (63V)



Application:
• LCD Displays • Notebook Computers

Power fuse (10Ø x 38mm)
K239325 15A ~ 30A (1000V)



Application:
• Inverters • Combiner boxes
• Battery charge controllers

Power fuse (10Ø x 38mm)
K239326 15A ~ 30A (1000V)



Application:
• Inverters • Combiner boxes
• Battery charge controllers

Power fuse (10Ø x 38mm)
K239327 10A ~ 50A (500V)



Application:
• EV power systems

Power fuse (10Ø x 38mm)
K239328 10A ~ 50A (500V)
Bolt down type



Application:
• EV power systems

High performance fuse
K23933 60A ~ 500A (32V)
Application:
high power audio systems



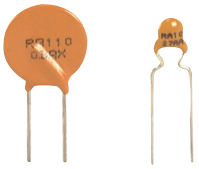
European bakelite fuse (6Ø x 25mm)
K23935 5A ~ 30A (32V)

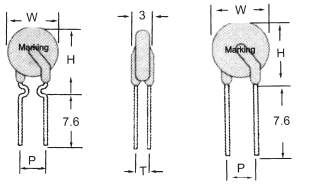


Terminal fuse (plug-in)
K2394 1A ~ 2A (32V)
K2395 3A ~ 30A (32V)



Resettable fuse - radial leaded ptc
Specifications :
Operating temp. range : - 40˚C to 85˚C
Operating current : 100mA ~ 3.75A
Rated voltage : 60V
Max. current : 40A



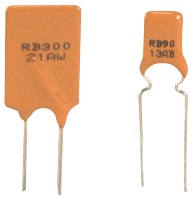


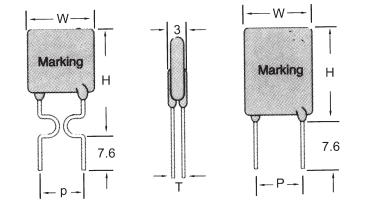
K239600 ~ K239609 K239610 ~ K239616

• Electrical characteristics (23˚C)

60 VDC									
Item No.	Dimensions(mm)				Hold current	Trip current	Rated voltage	Resistance tolerance	
	W	H	P	T				Min.(Ω)	Max.(Ω)
K239600	7.4	12.7	5.1	1.1	0.10	0.20	60	2.50	7.50
K239601	7.4	12.7	5.1	1.1	0.17	0.34	60	2.00	7.00
K239602	7.4	12.2	5.1	1.1	0.20	0.40	60	1.83	4.40
K239603	7.4	12.7	5.1	1.1	0.25	0.50	60	1.25	3.00
K239604	7.4	13.0	5.1	1.1	0.30	0.60	60	0.88	2.10
K239605	7.6	13.5	5.1	1.1	0.40	0.80	60	0.55	1.29
K239606	7.9	13.7	5.1	1.1	0.50	1.00	60	0.50	1.17
K239607	9.7	14.5	5.1	1.1	0.65	1.30	60	0.31	0.72
K239608	10.4	15.2	5.1	1.1	0.75	1.50	60	0.25	0.60
K239609	11.7	15.8	5.1	1.1	0.90	1.80	60	0.20	0.47
K239610	13.0	18.0	5.1	1.4	1.10	2.20	60	0.15	0.38
K239611	14.5	19.6	5.1	1.4	1.35	2.70	60	0.12	0.30
K239612	16.3	21.3	5.1	1.4	1.60	3.20	60	0.09	0.22
K239613	17.8	22.9	5.1	1.4	1.85	3.70	60	0.08	0.19
K239614	21.3	26.4	10.2	1.4	2.50	5.00	60	0.05	0.13
K239615	24.9	30.0	10.2	1.4	3.00	6.00	60	0.04	0.10
K239616	28.5	33.5	10.2	1.4	3.75	7.50	60	0.03	0.08

Resettable fuse - radial leaded ptc
Specifications :
Operating temp. range : - 40˚C to 85˚C
Operating current : 900mA ~ 9A
Rated voltage : 30V
Max. current : 40A



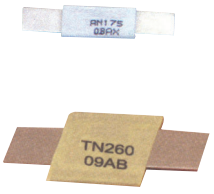


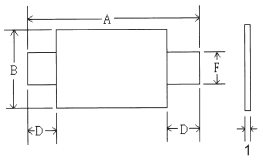
K239650 ~ K239655 K239656 ~ K239662

• Electrical characteristics (23˚C)

30 VDC									
Item No.	Dimensions(mm)				Hold current	Trip current	Rated voltage	Resistance tolerance	
	W	H	P	T				Min.(Ω)	Max.(Ω)
K239650	7.4	12.2	5.1	0.9	0.90	1.80	30	0.070	0.22
K239651	7.4	14.2	5.1	0.9	1.10	2.20	30	0.050	0.17
K239652	8.9	13.5	5.1	0.9	1.35	2.70	30	0.040	0.13
K239653	8.9	15.2	5.1	0.9	1.60	3.20	30	0.030	0.11
K239654	10.2	15.7	5.1	0.9	1.85	3.70	30	0.030	0.09
K239655	11.4	18.3	5.1	0.9	2.50	5.00	30	0.020	0.07
K239656	11.4	17.3	5.1	1.2	3.00	6.00	30	0.020	0.08
K239657	14.0	20.1	5.1	1.2	4.00	8.00	30	0.010	0.05
K239658	14.0	24.9	10.2	1.2	5.00	10.00	30	0.010	0.05
K239659	16.5	24.9	10.2	1.2	6.00	12.00	30	0.005	0.04
K239660	19.1	26.7	10.2	1.2	7.00	14.00	30	0.005	0.03
K239661	21.6	29.2	10.2	1.2	8.00	16.00	30	0.005	0.02
K239662	24.1	29.7	10.2	1.2	9.00	18.00	30	0.005	0.02

Resettable fuse - axial leaded ptc
Specifications :
Operating temp. range : - 40˚C to 85˚C
Operating current : 1.2A ~ 4.2A
Rated voltage : 15V and 30V
Max. current : 100A

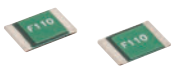


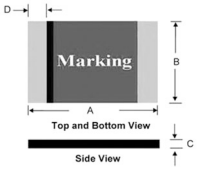


• Electrical characteristics (23˚C)

15VDC / 30VDC									
Item No.	Dimensions(mm)				Hold current	Trip current	Rated voltage	Resistance tolerance	
	A	B	D	F				Min.(Ω)	Max.(Ω)
K239700	22.1	5.2	7.5	4.1	1.20	2.7	15	0.085	0.160
K239701	23.1	5.2	5.5	4.1	1.75	3.8	15	0.050	0.090
K239702	23.4	11.0	7.6	5.4	2.00	4.4	30	0.030	0.060
K239703	31.8	13.5	8.9	6.6	3.50	6.3	30	0.017	0.031
K239704	32.4	13.6	7.5	6.7	4.20	7.6	30	0.012	0.024

Resettable fuse - surface mount ptc (SMD type)
Specifications :
Operating temp. range : - 40˚C to 85˚C
Operating current : 140mA ~ 1.6A
Rated voltage : 6V ~ 60V
Max. current : 10A ~ 100A



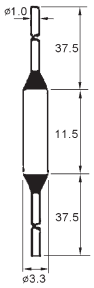


• Electrical characteristics (23˚C)

6VDC ~ 60VDC									
Item No.	Dimensions(mm)				Hold current	Trip current	Rated voltage	Resistance tolerance	
	A	B	D	F				Min.(Ω)	Max.(Ω)
K239750	4.73	3.41	0.90	0.3	0.14	0.30	60	1.50	6.50
K239751	4.73	3.41	0.90	0.3	0.20	0.40	30	0.80	5.00
K239752	4.73	3.41	0.70	0.3	0.35	0.70	16	0.32	1.50
K239753	4.73	3.41	0.65	0.3	0.50	1.00	16	0.15	1.00
K239754	4.73	3.41	0.65	0.3	0.75	1.50	16	0.11	0.45
K239755	4.73	3.41	0.55	0.3	1.10	2.20	8	0.04	0.21
K239756	4.73	3.41	0.90	0.3	1.60	3.20	6	0.03	0.10

Thermal cutoff



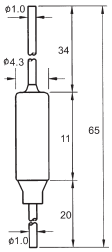


Model	Rated functioning Temp. $T_F T_f$ (°C)	Cut-off Temp.(°C)	Holding Temp. $T_H.T_h T_C$ (°C)	Max. Temp. $T_M.T_m$ (°C)	Electrical ratings	
					Current(A)	Voltage(V)
K239810	102	97.0	76	200	5A	250V
K239811	115	112.0	85	200	5A	250V
K239812	125	121.0	97	200	5A	250V
K239813	130	126.5	102	200	5A	250V
K239814	150	147.0	123	200	5A	250V

Temp. tolerance: +0,-10°C

Thermal cutoff





Model	Rate functioning temp. $T_F T_f$ (°C)	Cut-off temp.(°C)	Holding Temp. $T_H.T_h.T_C$ (°C)	Max. Temp. $T_M.T_m$ (°C)	Electrical ratings	
					Current(A)	Voltage(V)
K239820	77	74.0	48	107	10A	250V
K239821	94	91.0	62	124	10A	250V
K239822	99	96.5	68	129	10A	250V
K239823	113	110.0	81	143	10A	250V
K239824	121	118.0	87	151	10A	250V
K239825	216	213.0	178	246	10A	250V

Temp. tolerance: +0,-10°C

K239840 0.16A ~ 0.8A
K239841 1A ~ 4A
K239842 5A ~ 6.3A
Micro fuse
(3.0x7.3mm)





Current rating	160mA~6.3A	
Voltage rating	125VAC	
Interrupting rating	50A with AC for the breaking capacity test	
Operating Temp.	-55°C ~ 125°C	
Storage Temp.	10°C ~ 60°C	
Time-lag type	rated current	160mA ~ 6.3A
	2.00 in	Max. 60s
	2.75 in	Max. 10s
	4.00 in	Max. 3s
	10.00 in	Max. 300ms
Weight	0.26g	

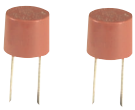
K239845 0.16A ~ 0.8A
K239846 1A ~ 4A
K239847 5A ~ 6.3A
Micro fuse
(3.0x7.3mm)
time - lag type

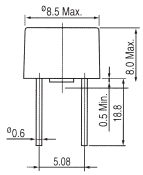




Current rating	160mA~6.3A	
Voltage rating	125VAC	
Interrupting rating	50A with AC for the breaking capacity test	
Operating Temp.	-55°C ~ 125°C	
Storage Temp.	10°C ~ 60°C	
Time-lag type	rated current	160mA ~ 6.3A
	2.00 in	Max. 60s
	10.00 in	Min. 10ms
Weight	0.26g	

K239850
Sub - miniature fuse (radial)
time - lag type

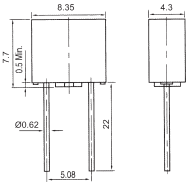




Current rating	1A~4A	
Voltage rating	250VAC	
Interrupting rating	100A with AC for the breaking capacity test	
Operating Temp.	-55°C ~ 125°C	
Storage Temp.	10°C ~ 60°C	
Lead pull strength	10N/minute	
Time-lag type	rated current	100mA ~ 6.3A
	2.10 in	Max. 2 minutes
	2.75 in	400ms ~ 10s
	4.00 in	150ms ~ 3s
	10.00 in	20ms ~ 150ms
Weight	0.77g	

K239880 0.25A ~ 0.8A
K239881 1A ~ 6.3A
K239882 8A ~ 10A
Sub - miniature fuse (radial)
time - lag type

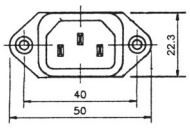




Current rating	250mA~10A		
Voltage rating	250VAC		
Interrupting rating	35A or 10 x rated current ; whichever is greater at 250VAC		
Operating Temp.	-55°C ~ 125°C		
Storage Temp.	10°C ~ 60°C		
Lead thrust strength	2N/minute		
Time-lag type	rated current	250mA ~ 5A	6.3A ~ 10A
	2.10 in	Max. 2 min.	Max. 2 min.
	2.75 in	400ms~10s	400ms~10s
	4.00 in	150ms~3s	150ms~3s
	10.00 in	20ms~150ms	15ms~150ms
Weight	0.55g		

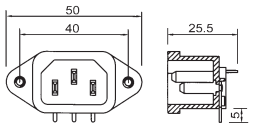
K241
Panel mount AC socket
terminal 4.8mm





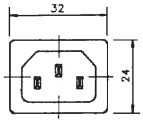
K241338
Panel mount AC socket
PCB terminal





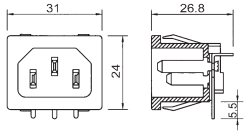
K2412
Panel mount AC socket
terminal 4.8mm





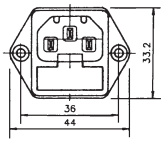
K241339
Panel mount AC socket
PCB terminal





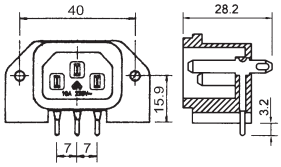
K2413
Panel mount AC socket W/O fuse
terminal 4.8mm





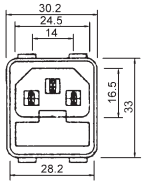
K24134
Panel mount AC socket
PCB terminal





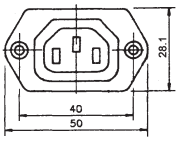
K24132
Panel mount AC socket W/O fuse
terminal 4.8mm





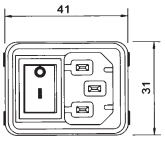
K2414
Panel mount AC socket
terminal 4.8mm





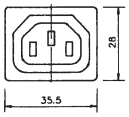
K241325
Panel mount AC socket
terminal 4.0mm





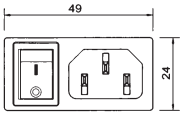
K2415
Panel mount AC socket
terminal 4.8mm





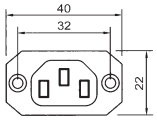
K241326
Panel mount AC socket
terminal 4.8mm





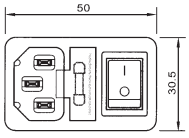
K241510
Panel mount AC socket
terminal 4.8mm





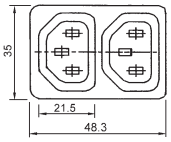
K24133
Panel mount AC socket W/O fuse
terminal 4.8mm





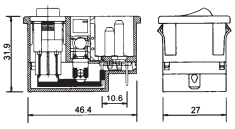
K241530
Panel mount multi AC socket
terminal 4.8mm





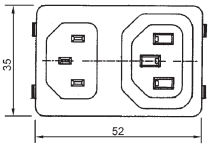
K241334
Panel mount
AC socket W/O fuse
terminal 4.8mm





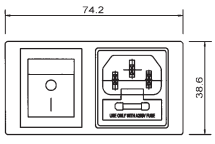
K241532
Panel mount multi AC socket
terminal 4.8mm





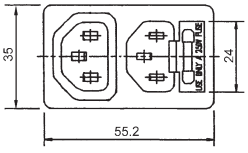
K241335
Panel mount AC socket W/O fuse
terminal 4.8mm
SW terminal 6.35mm





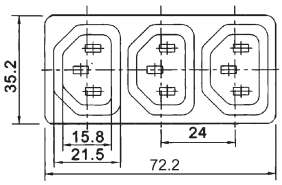
K241534
Panel mount multi AC socket W/O fuse
terminal 4.8mm





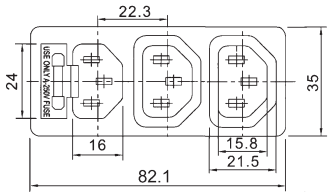
K241559
Panel mount multi AC socket
terminal 3.0mm





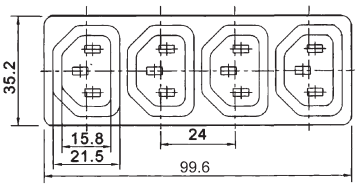
K241560
Panel mount multi AC socket W/O fuse
terminal 4.8mm



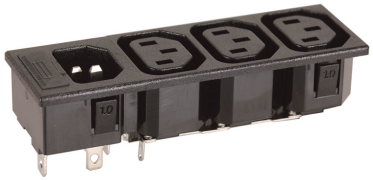


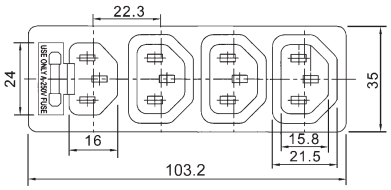
K241562
Panel mount multi AC socket
terminal 3.0mm





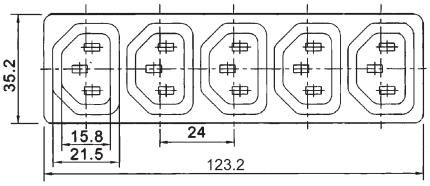
K241563
Panel mount multi AC socket W/O fuse
terminal 4.8mm





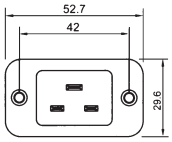
K241564
Panel mount multi AC socket
terminal 3.0mm





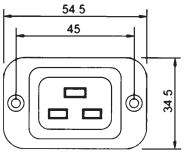
K241570
Panel mount AC socket
terminal 4.8mm





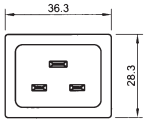
K241575
Panel mount AC socket
terminal 4.8mm





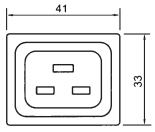
K241571
Panel mount AC socket
terminal 4.8mm





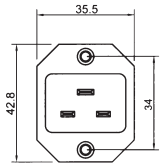
K241576
Panel mount AC socket
terminal 4.8mm





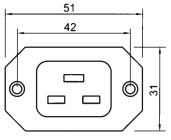
K241572
Panel mount AC socket
terminal 4.8mm





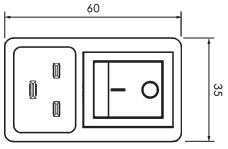
K241577
Panel mount AC socket
terminal 6.3mm





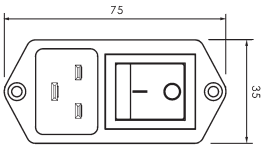
K241580
Panel mount AC socket
terminal 6.3mm





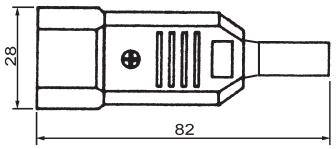
K241582
Panel mount AC socket
terminal 6.3mm





K2416
AC connector
250V 10A

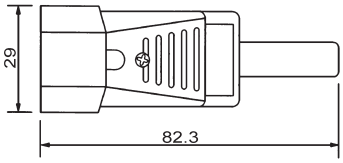




K24161
AC connector
250V 10A

K24161U
AC connector
250V 10A

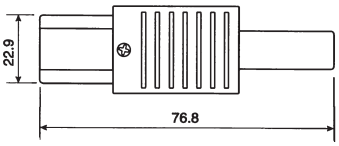




K24165
AC connector
250V 6A

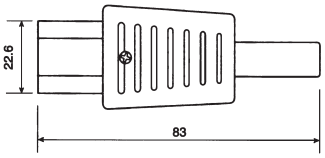
K24165U
AC connector
250V 10A





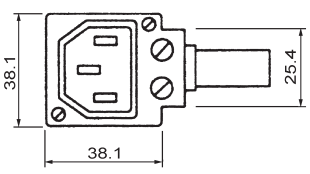
K24166
AC connector
250V 6A





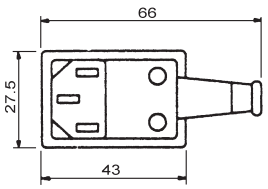
K24171U
Right angle AC connector
250V 10A





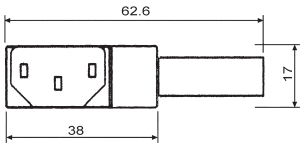
K24172U
Right angle AC connector
250V 10A





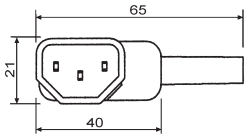
K24173
Right angle AC connector
250V 6A





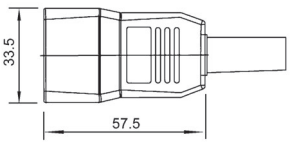
K24174
Right angle AC connector
250V 10A





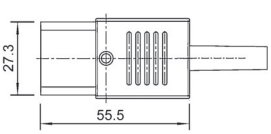
K24181
AC connector
250V 16A/20A





K24182
AC connector
250V 16A/20A





Current

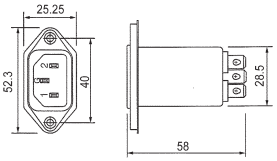
A	B	D	E
1A	3A	6A	10A

K2420 x (from **K2420** to **K24236**)
- Current
- Item No.

Specifications

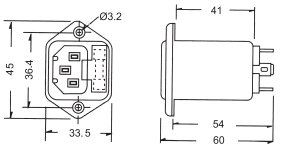
Rated voltage		125VAC / 250VAC
Leakage current		0.8mA Max. 250V, 50Hz
Test voltage	Line to line	1450VDC
	Line to ground	2250VDC
Insulation resistance		100MΩ Min. 250VDC
Operating temperature		-25˚C~ 85˚C

K2420A /B /D /E
EMI filter (terminal 6.3mm)

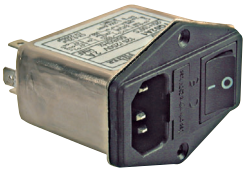
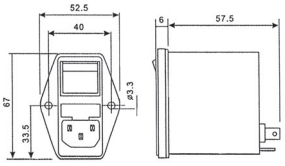



K24204A /B /D /E
EMI filter W/O fuse (terminal 6.3mm)

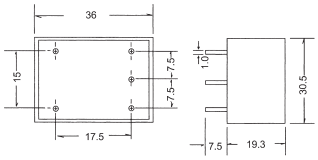




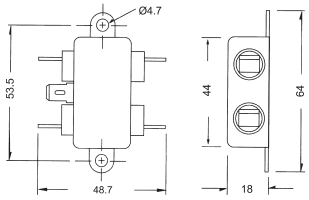
K24205A /D /E
EMI filter W/O fuse (terminal 6.3mm)

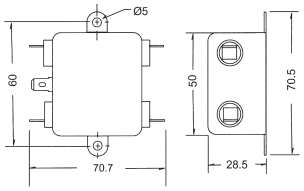
K24230A /B /D /E
EMI filter (PCB terminal)

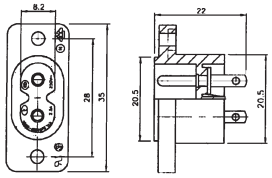
K24235A /B /D /E
EMI filter (terminal 6.3mm)

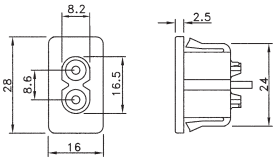
K24236A /B /D /E
EMI filter (terminal 6.3mm)

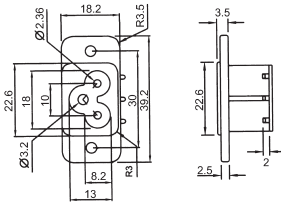
K2425
Panel mount AC socket

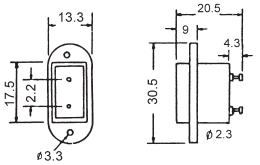
K2426
Panel mount AC socket

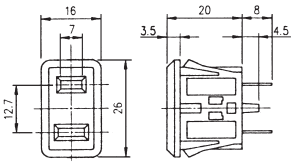
K2427
Panel mount AC socket

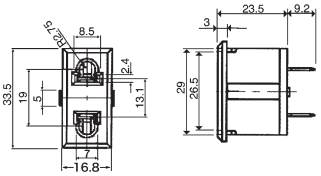
K249
Panel mount AC socket

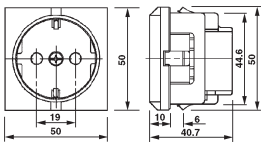
K2513
Panel mount AC socket (polarized)

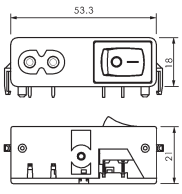
K25131
Panel mount AC socket

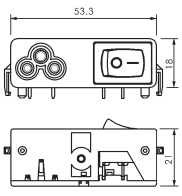
K2524
AC power socket
250V 16A

K2530
AC socket with switch

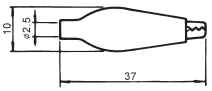



K2535
AC socket with switch

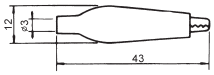
K260
Color clip-small
Color : black & red
W/vinyl boot





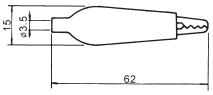
K261
Color clip-medium
Color : black & red
W/vinyl boot





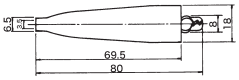
K262
Color clip-large
Color : black & red
W/vinyl boot





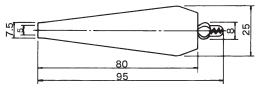
K263
Battery clip 10A
Color : black & red
W/vinyl boot





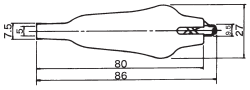
K264
Battery clip 20A
Color : black & red
W/vinyl boot





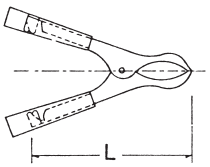
K265
Battery clip 30A
Color : black & red
W/vinyl boot





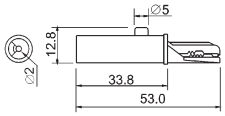
K266
Battery clip W/covers
(A) 15AMP (L:55mm)
(B) 30AMP (L:70mm)
(C) 50AMP (L:94mm)





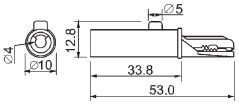
K2667
Alligator clip W/Ø2.0 socket





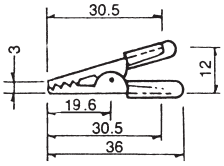
K2668
Alligator clip W/Ø4.0 socket





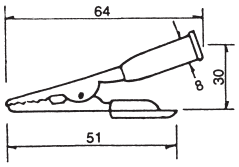
K267A
Alligator clip-small
W/molded handle





K267C
Alligator clip-large W/screw
W/molded handle

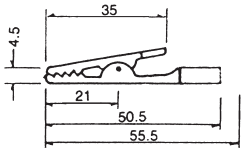




K267B
Alligator clip W/molded handle

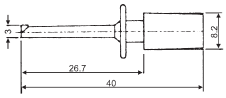
K267D
Alligator clip W/O molded handle
(W/screw)





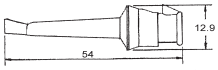
K268A
IC clip (mini type)





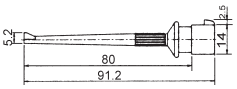
K268B
IC clip (small type)





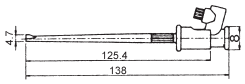
K268C
IC clip (medium type)





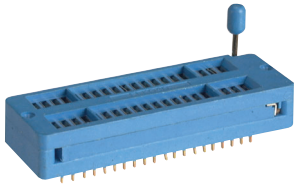
K268D
IC clip (large type)

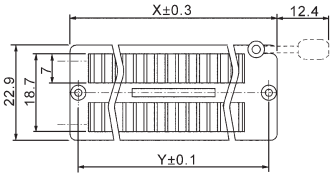




K26901~K26905
Zero insertion pressure socket

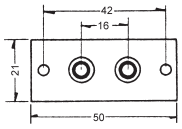
Row spacing
A: 0.3 ~0.6 inch mix
C: 0.4 inch
D: 0.6 inch
E: 0.9 inch



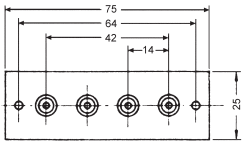


Item	Pins	X	Y
K26901	24	45.3	40.9
K26902	28	50.4	46.0
K26903	32	55.5	51.1
K26904	40	65.6	61.2
K26905	48	75.8	71.4

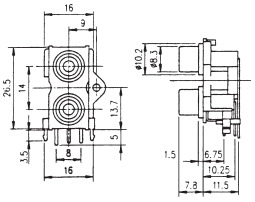
K271
2P RCA phono jack (red & white)

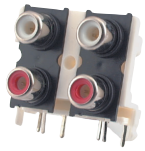
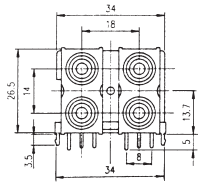
K272
4P RCA phono jack (red & white)

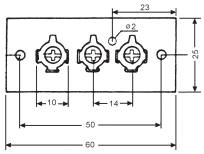
K2760
2P RCA phono jack

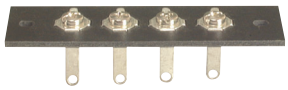
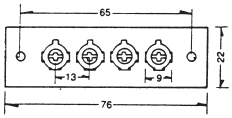
K2761
4P RCA phono jack

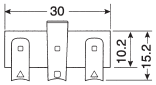
K2781
3P screw terminal

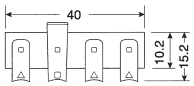
K2782
4P screw terminal

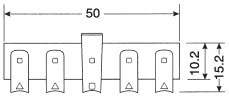
K27830
3P lug terminal

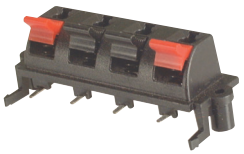
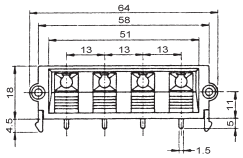
K27831
4P lug terminal

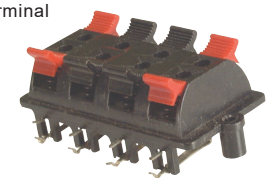
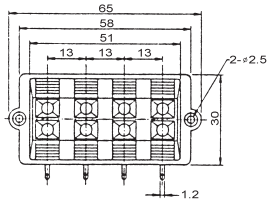
K27832
5P lug terminal

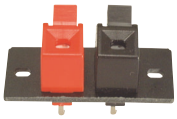
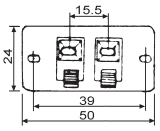
K2791
4P push terminal

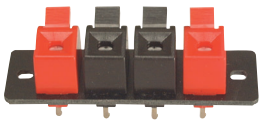
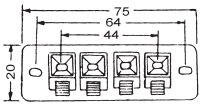
K2792
8P push terminal

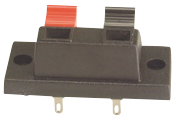
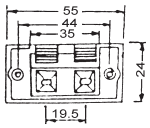
K280
2P push terminal

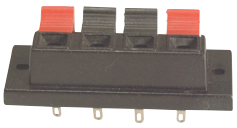
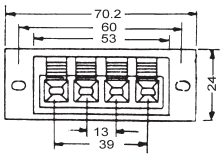
K281
4P push terminal

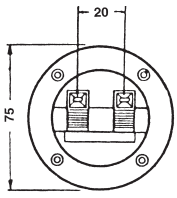
K282
2P push terminal

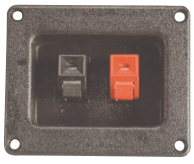
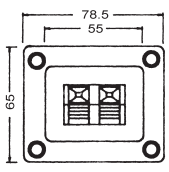
K283
4P push terminal

K284
2P push terminal

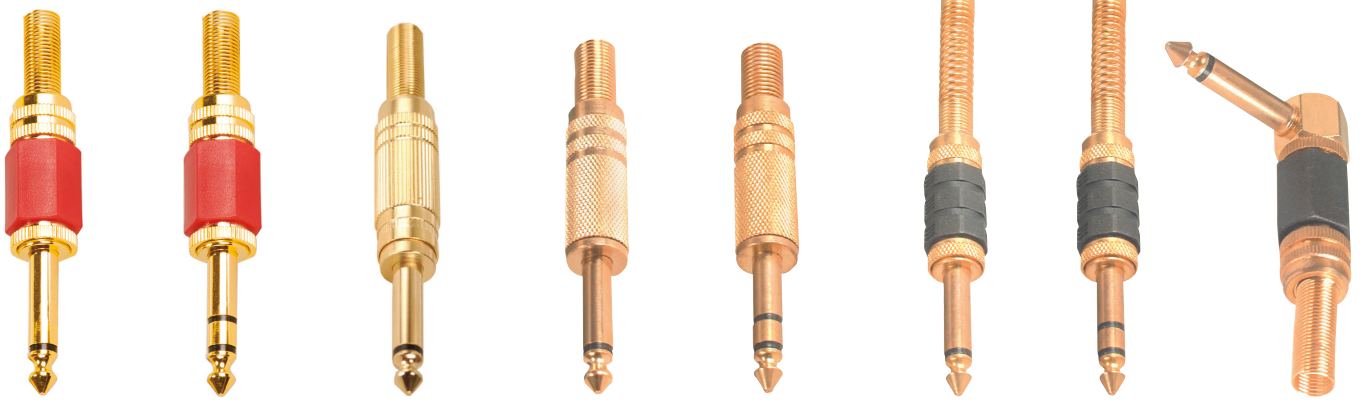



K285
2P push terminal

Page 49 - 52 : item + 'T' = teflon insulation

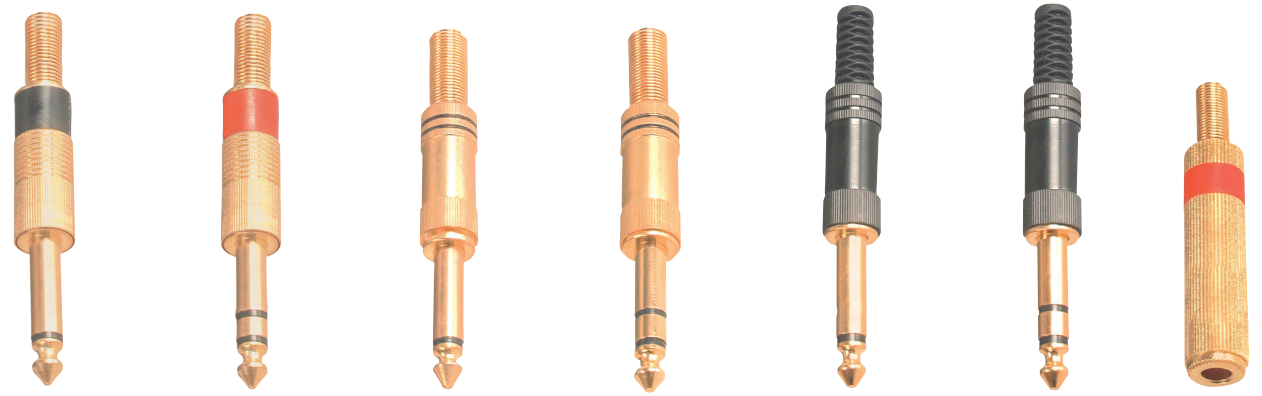
☆ gold plated
☐ nickel plated
△ chrome plated (pin gold)
satin silver
★ aluminum barrel (color : red.blue.black.gold)
■ black barrel (pin gold)
▲ paint resprayed (color : red.dark.red.purple.blue.green.buff)
♢ tin nickel



K2870 ☆(7mm)
K2872 ☆(7mm)
K2874 ☆(7mm)
K2878 ☆(8mm)
K2879 ☆(8mm)
K2880 ☆(7mm)
K2882 ☆(7mm)
K2884 ☆(7mm)



K2885 ☐(7mm)
K2886 ☐(7mm)
K2888 ☐(7mm)
K2890 ☐(8mm)
K2891 ☐(8mm)
K2892 ☐(7mm)
K2893 ☐(7mm)



K2894 ☆(7mm)
K2895 ☆(7mm)
K2898 ☆(7mm)
K2899 ☆(7mm)
K2900 ☆(7mm)
K2901 ☆(7mm)
K2906 ☆(7mm)



K2910 ☐(7mm)
K2911 ☐(7mm)
K2914 ☐(7mm)
K2915 ☐(7mm)
K2916 ☐(7mm)
K2917 ☐(7mm)
K2922 ☐(7mm)

☆ gold △ chrome ★ aluminum barrel ■ black barrel ▲ paint resprayed ○ blasting nickel (reference page **49**)
◊ tin nickel



K29300
○(5/6mm)



K29301
○(7/8mm)



K29308
▲(4/5/6mm)



K29309
△(6/7/8mm)



K29320
☆(5/6mm)



K29321
☆(7/8mm)



K29328
☆(4/5/6mm)



K29329
☆(8/9mm)



K29340
■(5/6mm)



K29341
■(7/8mm)



K293485
◊(5/6/7/8mm)



K29349
■(8/9mm)



K29360
★(7/8mm)



K29361
★(4/5mm)



K29362
★(5/6mm)



K29381
★(6/7mm)



K29382
★(6/7mm)



K29384
★(4/5mm)



K29386
★(7/8mm)



K29389
★(5/6/7mm)



K293994
▲(5/6mm)



K29400
○(5/6mm)



K29401
▲(5/6mm)



K29404
■(5/6mm)



K29406
○(7/8mm)



K29408
◊(7/8mm)



K29409
☆



K29422
★(5/6mm)



K29424
★(4/5mm)



K29429
★(6/7mm)



K294304
☆(5/6mm)



K294306
☆(5/6mm)



K294320
◊



K29480
■(4/5/6mm)



K29482
■(4/5/6mm)

☆ gold ☐ nickel ■ black barrel (reference page **49**)



K29442
☆ (4/5/6mm)



K29443
☆ (4/5/6mm)



K29444
☆ (4/5/6mm)



K294654
☆ (6/7mm)



K29462
☐ (4/5/6mm)



K29464
☐ (4/5/6mm)



K29467
☐ (4/5/6mm)



K29484
☆



K29485
☆



K29486
☆



K29487
☆



K29488
☆



K294891
☆



K294892
☆



K29522
☆ (4/5/6mm)



K29523
☆ (4/5/6mm)



K29525
☆ (6/7mm)



K29526
☆ (6/7mm)



K29540
☆ (8/9mm)



K29541
☆ (4/5/6mm)



K295441
☆ (5/6mm)



K29560
■ (8/9mm)



K29561
■ (4/5/6mm)



K29562
■ (4/5/6mm)



K29563
■ (4/5/6mm)



K29564
■ (7mm)



K29568
■ (5/6mm)



K29581
☐ (4mm)



K29582
☐ (4/5/6mm)



K29583
☐ (4/5/6mm)



K29585
☐ (6/7mm)



K29586
☐ (6/7mm)



K295861
☐ (5/6mm)



K295900
☆



K295902
☆

☆ gold □ nickel #satin silver (reference page **49**)



☆ **K295980**
□ **K295981**



☆ **K295984**
□ **K295985**



K296011
☆



K296022
☆



K29605
☆



K29606
☆



K29608
☆



K296092
□



K296093
□



K296096
□



K296097
□



K296102
□



K296103
□



K296104
□



K296108
□



K296109
□



K296110
□



K296114
□



K296115
□



K296117
□



K296118
□



K29621
☆ (4mm)



K29622
☆ (4mm)



K29623
☆ (4mm)



K29624
☆ (4mm)



K29625
☆ (4mm)



K29633
☆ (4mm)



K29637
☆ (5mm)



K29645
☆ (8mm)



K29650
#(4mm)



K29660
☆ (4mm)



K29663
☆ (4mm)



K296642
☆ (4mm)



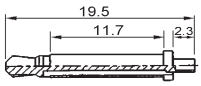
K296651
☆ (4mm)



K29668
☆ (4mm)

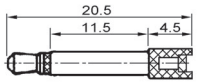
K297000
2.5mm Sub-mini mono plug
molded type





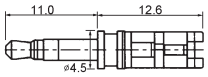
K297001
2.5mm Sub-mini mono plug
molded type





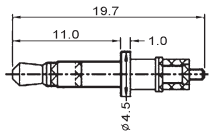
K297005
2.5mm Sub-mini stereo plug
molded type





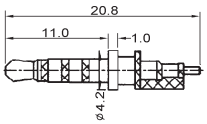
K297006
2.5mm Sub-mini stereo plug
molded type





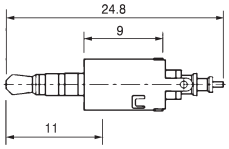
K297010
2.5mm Sub-mini 4 pole plug
molded type





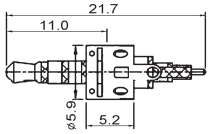
K2970115
2.5mm Sub-mini 4 pole plug
molded type (gold plated)





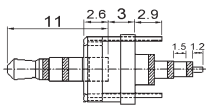
K297012
2.5mm Sub-mini 5 pole plug
molded type (gold plated)





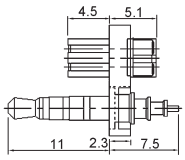
K297013
2.5mm Sub-mini 6 pole plug
molded type





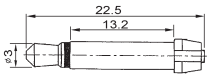
K297014
2.5mm Sub-mini 8 pole plug
molded type (gold plated)





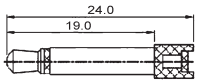
K297020
3.5mm Mini mono plug
molded type





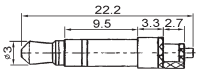
K297021
3.5mm Mini mono plug
molded type





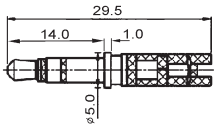
K297025
3.5mm Mini stereo plug
molded type





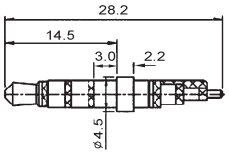
K297026
3.5mm Mini stereo plug
molded type





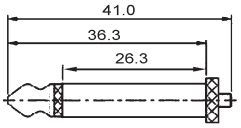
K297030
3.5mm Mini 4 pole plug
molded type





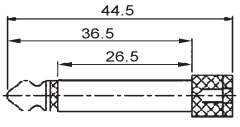
K297040
1/4" Mono plug
molded type





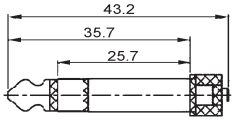
K297041
1/4" Mono plug
molded type





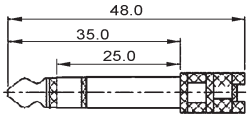
K297045
1/4" Stereo plug
molded type





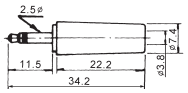
K297046
1/4" Stereo plug
molded type





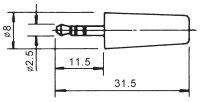
K300
2.5mm Sub-mini mono plug





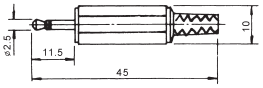
K300B
2.5mm Sub-mini stereo plug





K300C
2.5mm Sub-mini mono plug
W/cable protector

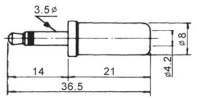




K300D
2.5mm subminiature stereo plug
W/cable protector

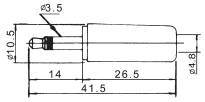
K301
3.5mm Miniature mono plug





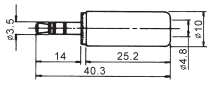
K302A
3.5mm Miniature mono plug





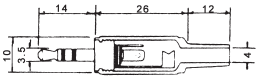
K302B
3.5mm Miniature stereo plug





K302E
3.5mm Miniature mono plug
W/cable protector
(Metal screw thread)



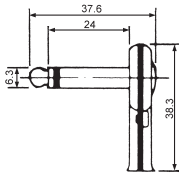


K302F
3.5mm Miniature stereo plug
W/cable protector
(Metal screw thread)

K303G
1/4" Right angle mono plug

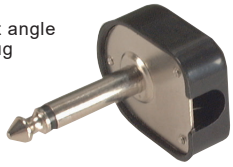
K303H
1/4" Right angle
stereo plug

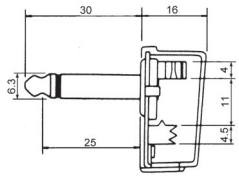




K303K
1/4" Right angle mono plug

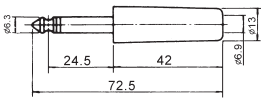
K303L
1/4" Right angle
stereo plug





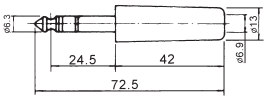
K303A
1/4" Mono plug





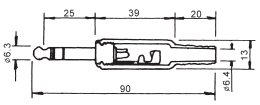
K303B
1/4" Stereo plug





K303E
1/4" Mono plug
W/cable protector
(Metal screw thread)

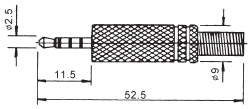




K303F
1/4" Stereo plug
W/cable protector
(Metal screw thread)

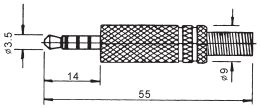
K3040
2.5mm Sub-mini 4 pole plug





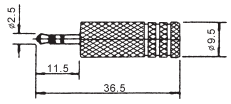
K3041
3.5mm Miniature 4 pole plug





K3046
2.5mm Sub-mini mono plug

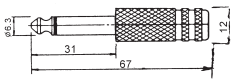




K3047
2.5mm Sub-mini stereo plug

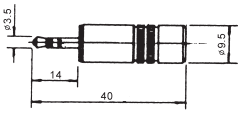
K305A
1/4" Mono plug





K304A
3.5mm Miniature mono plug

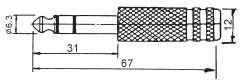




K304B
3.5mm Miniature stereo plug

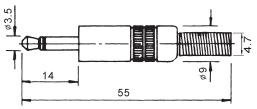
K305B
1/4" Stereo plug





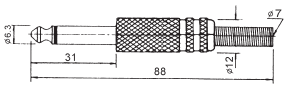
K304C
3.5mm Miniature mono plug
(gold plated)





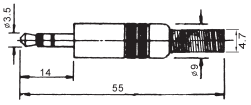
K305C
1/4" Mono plug
(gold plated)





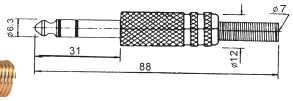
K304D
3.5mm Miniature stereo plug
(gold plated)





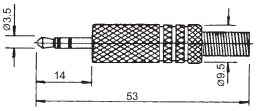
K305D
1/4" Stereo plug
(gold plated)





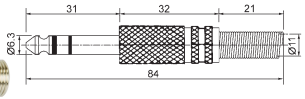
K304F
3.5mm Miniature stereo plug
(Metal screw thread)





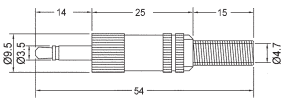
K305M
1/4" Stereo plug
(Metal screw thread)





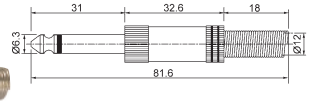
K304G
3.5mm Miniature mono plug
(Metal screw thread)





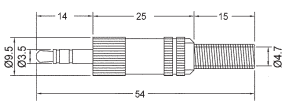
K305N
1/4" Mono plug
(Metal screw thread)





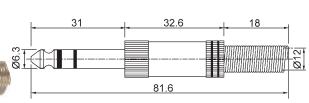
K304H
3.5mm Miniature stereo plug
(Metal screw thread)





K305P
1/4" Stereo plug
(Metal screw thread)

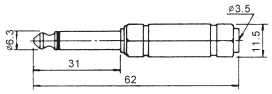




K306A
1/4" Mono plug to 3.5mm mono jack

K306C
1/4" Mono plug to 3.5mm stereo jack

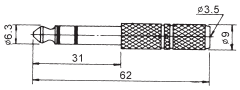




K306J
1/4" Stereo plug to 3.5mm stereo jack

K306H
1/4" Stereo plug to 3.5mm mono jack

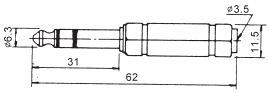




K306B
1/4" Stereo plug to 3.5mm stereo jack

K306D
1/4" Stereo plug to 3.5mm mono jack

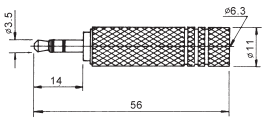




K307R
3.5mm Stereo plug to 1/4" stereo jack

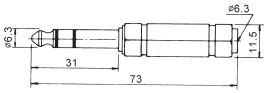
K307S
3.5mm Stereo plug to 1/4" mono jack





K306W
1/4" Stereo plug to 1/4" mono jack





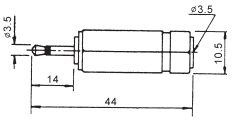
K30901
2.5mm Stereo plug to 3.5mm stereo jack

K30902
2.5mm Stereo plug to 3.5mm mono jack



K307K
3.5mm Mono plug to 3.5mm stereo jack





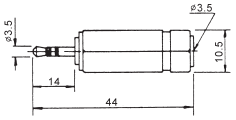
K30905
3.5mm Mono plug to 2.5mm stereo jack

K30906
3.5mm Mono plug to 2.5mm mono jack



K307M
3.5mm Stereo plug to 3.5mm mono jack





K30907
3.5mm Stereo plug to 2.5mm stereo jack

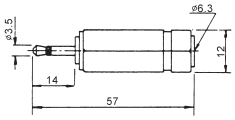
K30908
3.5mm Stereo plug to 2.5mm mono jack



K307A
3.5mm Mono plug to 1/4" mono jack

K307C
3.5mm Mono plug to 1/4" stereo jack





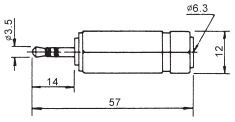
K30919
2.5mm Mono plug to 2.5mm stereo jack



K307B
3.5mm Stereo plug to 1/4" stereo jack

K307D
3.5mm Stereo plug to 1/4" mono jack





K30925
3.5mm Stereo plug to 2.5mm stereo jack

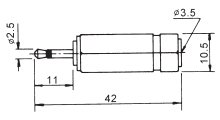
K30926
3.5mm Stereo plug to 2.5mm mono jack



K308A
2.5mm Mono plug to 3.5mm mono jack

K308B
2.5mm Mono plug to 3.5mm stereo jack





K309262A
3.5mm Mono plug to
6.3mm mono jack

K309262B
3.5mm Mono plug to
6.3mm stereo jack

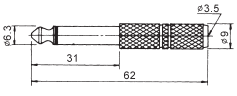


K309262C
3.5mm Stereo plug to
6.3mm stereo jack

K306F
1/4" Mono plug to 3.5mm mono jack

K306G
1/4" Mono plug to 3.5mm stereo jack





K309263A
6.3mm Mono plug to
2.5mm mono jack

K309263B
6.3mm Mono plug to
3.5mm mono jack



K309263C
6.3mm Mono plug to
3.5mm stereo jack

K309263D
6.3mm Stereo plug to
3.5mm stereo jack

K309268A
RCA plug to 6.3mm mono jack

K309268B
RCA plug to 6.3mm stereo jack



K30947
1/4" Stereo jack to jack

K30948
1/4" Mono jack to jack



K309269
6.3mm Mono plug to RCA jack



K30951
2.5mm Mono plug to RCA jack



K30936
Right angle 3.5mm 4 pole plug



K30957
2.5mm Mono plug to RCA jack



K30937
Right angle 3.5mm mono plug



K30958
3.5mm Stereo plug to RCA jack



K30938
Right angle 3.5mm stereo plug



K30959
1/4" Stereo plug to RCA jack



K30939
Right angle 3.5mm stereo plug to 3.5mm stereo jack

K309391
Right angle 3.5mm stereo plug to 3.5mm mono jack



K30960
Right angle RCA plug to RCA jack

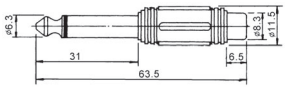


K309421
1/4" Stereo plug to 3.5mm stereo jack (gold plated)



K309A
1/4" Mono plug to RCA jack





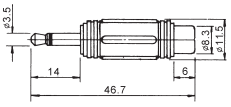
K30943
3.5mm Stereo jack to jack

K30944
3.5mm Mono jack to jack



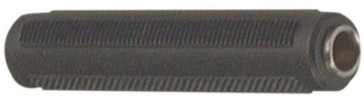
K309B
3.5mm Mono plug to RCA jack





K30945
1/4" Stereo jack to jack

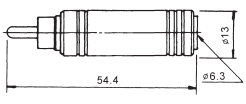
K30946
1/4" Mono jack to jack



K309C
RCA plug to 1/4" mono jack

K309CA
RCA plug to 1/4" stereo jack

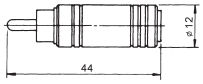




K309D
RCA plug to 3.5mm mono jack

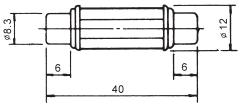
K309DA
RCA plug to 3.5mm stereo jack





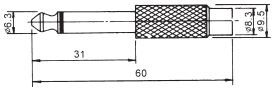
K309G
RCA jack to RCA jack





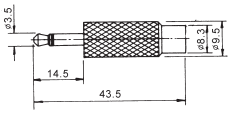
K309M
1/4" Mono plug to RCA jack





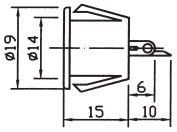
K309N
3.5mm Mono plug to RCA jack





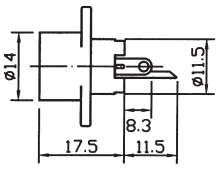
K3101A
PAL antenna jack





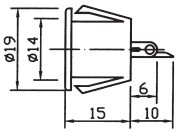
K3101B
PAL antenna jack





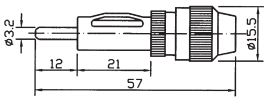
K3101D
PAL antenna plug





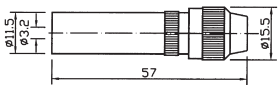
K3102A
Auto antenna plug





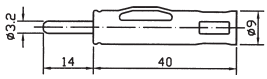
K3102B
Auto antenna jack



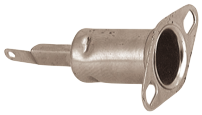


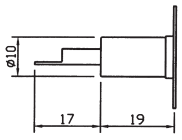
K3102C
Auto antenna plug





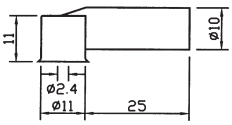
K3102D
Auto antenna jack





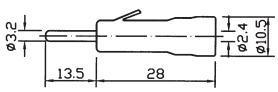
K3102E
Right angle PAL plug
to auto jack





K3102F
Auto plug to PAL jack



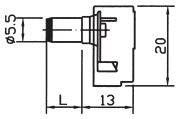


K3110A
DC plug 2.1 x 5.5 (L9)

K3110B
DC plug 2.5 x 5.5 (L9)

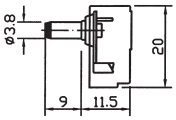
K3110AL
DC plug 2.1 x 5.5 (L14)

K3110BL
DC plug 2.5 x 5.5 (L14)

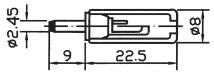



K3110C
DC plug 1.0 x 3.8 (L9)

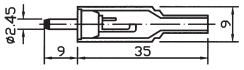
K3110D
DC plug 1.35 x 3.45 (L9)

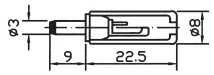
K31121
DC plug 0.7 x 2.35 (L9)

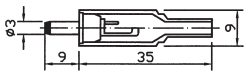
K31122
DC plug 0.7 x 2.35 (L9)

K31131
DC plug 1.1 x 3.0 (L9)

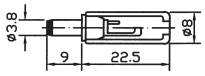



K31132
DC plug 1.1 x 3.0 (L9)

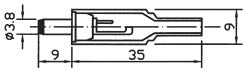
K311C
DC plug 1.0 x 3.8 (L9)

K311D
DC plug 1.35 x 3.45 (L9)

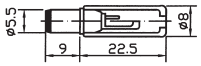



K311X
DC plug 1.0 x 3.8 (L9)

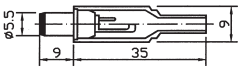
K311Y
DC plug 1.35 x 3.45 (L9)

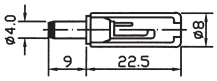
K31141
DC plug 1.5 x 5.5 (L9)

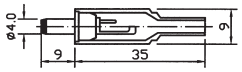
K31142
DC plug 1.5 x 5.5 (L9)

K31151
DC plug 1.75 x 4.0 (L9)

K31152
DC plug 1.75 x 4.0 (L9)

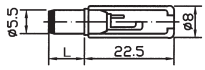



K311A
DC plug 2.1 x 5.5 (L9)

K311B
DC plug 2.5 x 5.5 (L9)

K311AL
DC plug 2.1 X 5.5 (L14)

K311BL
DC plug 2.5 X 5.5 (L14)

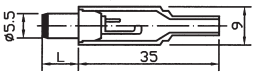



K311V
DC plug 2.1 x 5.5 (L9)

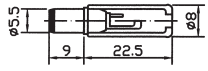
K311W
DC plug 2.5 x 5.5 (L9)

K311VL
DC plug 2.1 X 5.5 (L14)

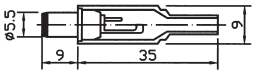
K311WL
DC plug 2.5 X 5.5 (L14)

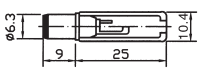
K31161
DC plug 2.8 x 5.5 (L9)

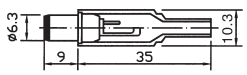
K31162
DC plug 2.8 x 5.5 (L9)

K31171
DC plug 3.1 x 6.3 (L9)

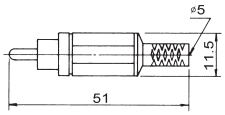



K31172
DC plug 3.1 x 6.3 (L9)

K312A
RCA phono plug W/cable protector

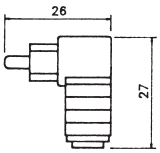




Color : red yellow green
blue black white

K312B
Right angle RCA plug

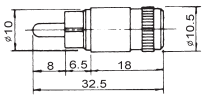




Color : red black

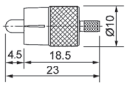
K313
RCA phono plug





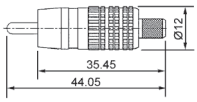
K3140P
RCA phono plug crimp type (RG179U)





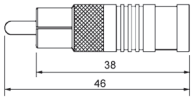
K3142M
RCA phono plug crimp type (RG59U)





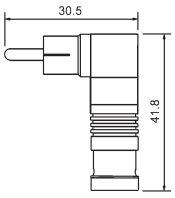
K3144H /M
Waterproof RCA phono plug compression type
H: 6/U
M: 59U





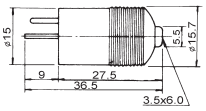
K3146H /M
Waterproof right angle RCA phono plug compression type
H: 6/U
M: 59U





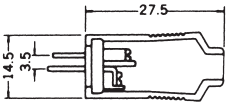
K315
2P din plug





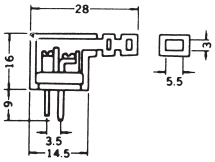
K315A
2P din plug screw type





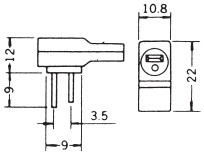
K315B
2P din plug right angle & screw type





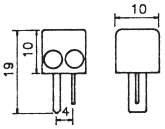
K315C
2P din plug right angle & solder type



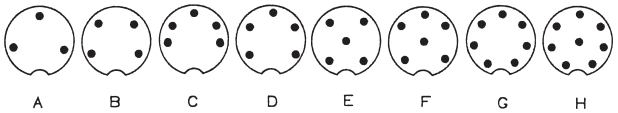


K315D
2P din plug

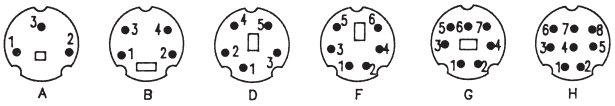




For K3161 K3162 K31623 K31625



For K3163



Contact resistance : 30mΩ Max. (initial)

Insulation resistance : 50MΩ Min. at 250VDC.

Withstanding voltage : 250VAC for one minute.

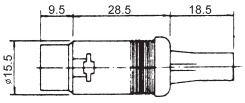
Insertion force : 5.0 kg.

Extraction force : 4.0 kg.

Life time : 5,000 cycles Min.

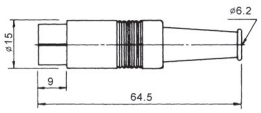
K3161
3P ~ 8P din plug





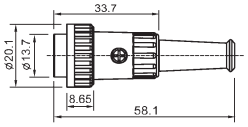
K3162
3P ~ 8P din plug





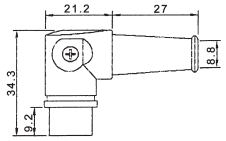
K31623
3P ~ 8P din plug bayonet locking type
(for **K37105**)





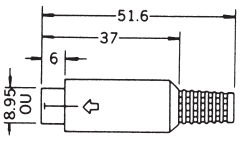
K31625
3P ~ 8P din plug right angle type





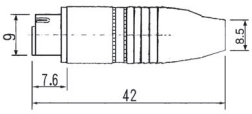
K3163
3P ~ 8P mini din plug





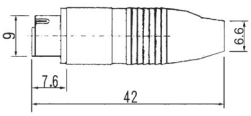
K316420
4P mini din plug
satin chrome barrel





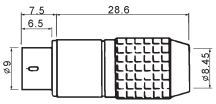
K316422
4P mini din plug
satin silver barrel





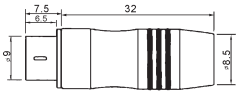
K316426
4P mini din plug
tin-nickel barrel





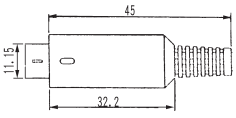
K316430
4P mini din plug
tin-nickel barrel





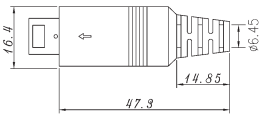
K316490
7P mini din plug





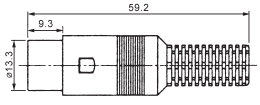
K31650
9P mini din plug





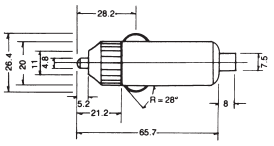
K31651
13P din plug





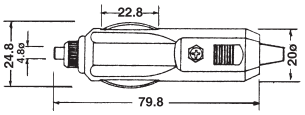
K318
Auto plug





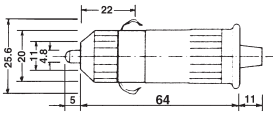
K319A
Auto plug W/fuse/3A





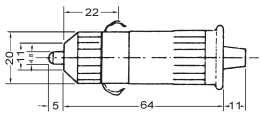
K320
Auto plug W/fuse/5A





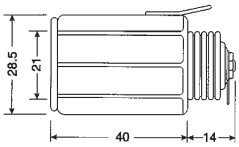
K3202
Auto plug W/fuse/5A/light





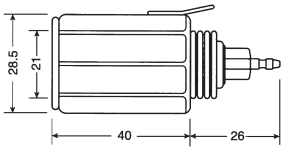
K3203
Auto jack





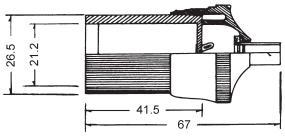
K3204
Auto jack





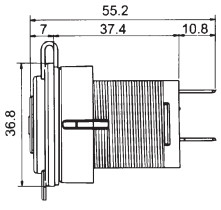
K3205
Auto jack





K32055
Auto jack

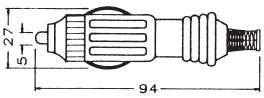




K3206
Auto plug W/O fuse

K32061
Auto plug W/fuse/5A

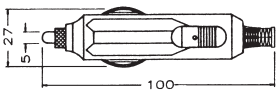




K3207
Auto plug W/fuse

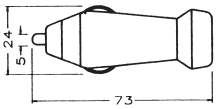
K32071
Auto plug W/LED W/fuse/5A





K3208
Auto plug W/O fuse

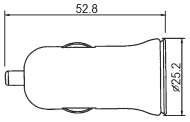




K32086
Auto plug to USB/A & C adapter W/LED
W/short circuit / over voltage protection
In:12V/24V
Out:5V 2.1A

CE

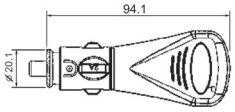




K32087
Auto plug to USB/A adapter W/fuse
W/short circuit / over voltage / reverse protection W/LED
In:12V/24V
Out:5V 2.1A

CE

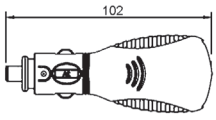




K32088
Auto plug to 2 x USB/A adapter W/fuse
W/short circuit / over voltage protection W/LED
In:12V/24V
Out:5V 2.4A

CE

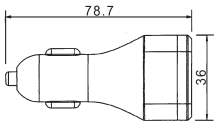




K320885
Auto plug to USB/A & C adapter W/short circuit / over current / over temperature protection
In:12V/24V
Out:
QC3.0 Type A - 5V3A/9V2A/12V1.5A
PD3.0 Type C - 5V3A/9V3A/12V3A/ 15V2.5A/20V2.25A

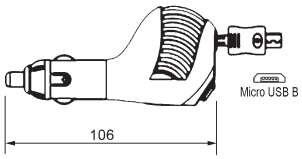
CE





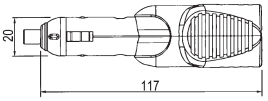
K320890
Auto plug to micro USB/B plug W/fuse
W/retractable extension cable (L=500mm)
W/short circuit protection
In:12V/24V
Out:5V 2.1A





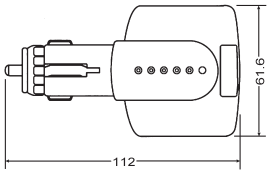
K3209
Auto plug to auto jack & 2 x USB/A adapter
W/light ring / fuse / short circuit / over voltage protection / 0°~180° adjustable plug
In:12V/24V
Out:5V 2.1A





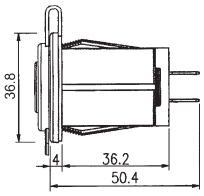
K3210
Auto plug to auto double jack
W/light ring
W/fuse/10A





K32201
USB/A type charger
W/LED
In:12V/24V
Out:5V 2.4A

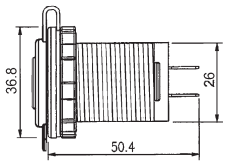




K322015
Dual USB/A type charger
W/reverse protection
W/LED
In:12V/24V
Out:5V 2.4A

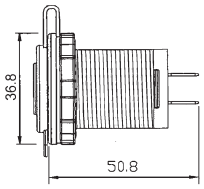
CE





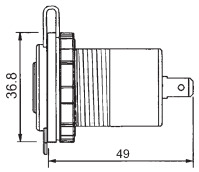
K32202
Dual USB/A type charger
W/reverse protection
W/ LED
In:12V/24V
Out:5V 2.1A





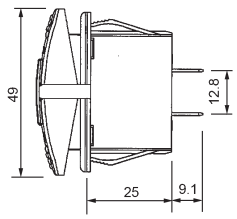
K32203
USB/A & C type charger W/fuse
W/reverse / short circuit /
over voltage protection
W/LED / voltage &
current meter
In:12V/24V
Out:5V 2.4A





K32204
USB/A & C type charger
W/reverse / short circuit /
over voltage protection
W/LED
In:12V/24V
Out:
Type A-5V 2.4A
Type C-5V 3A

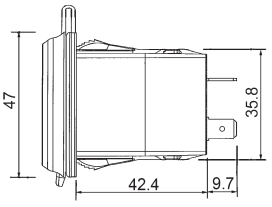




K32205
Waterproof dual USB/A charger
W/LED
can reach to IP64
In:12V/24V
Out:5V 2.4A

CE

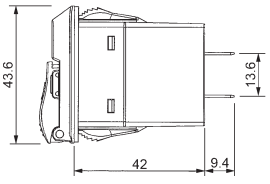




K32206
Waterproof dual USB/A charger
W/reverse protection
W/LED voltage meter
can reach to IP64
In:12V/24V
Out:5V 2.4A

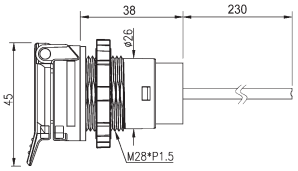
CE





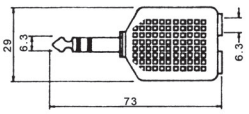
K32207
Waterproof USB/A & C charger
can reach to IPX5
In:12V
Out:
QC3.0 Type A-
5V3A/9V2A/12V1.5A
PD3.0 Type C-
5V3A/9V2A/12V1.5A





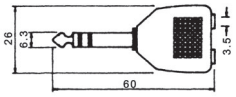
K3240
1/4" Stereo plug to 1/4" stereo double jack

K32401
(Gold plated)

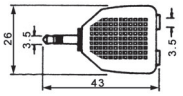
K3242
1/4" Stereo plug to 3.5mm stereo double jack

K32421
(Gold plated)

K3244
3.5mm Stereo plug to 3.5mm stereo double jack

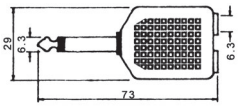
K32441
(Gold plated)

K3250
1/4" Mono plug to 1/4" mono double jack

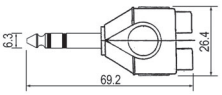
K32501
(Gold plated)

K3251
1/4" Mono plug to 1/4" stereo double jack

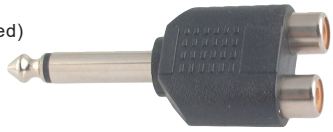
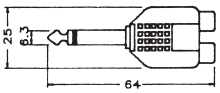
K32601
1/4" Stereo plug to double RCA jack

K326011
(Gold plated)

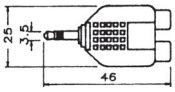
K32602
1/4" Mono plug to double RCA jack

K326021
(Gold plated)

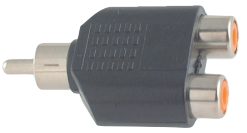
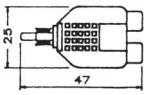
K32603
3.5mm Stereo plug to double RCA jack

K326031
(Gold plated)

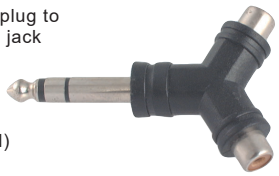
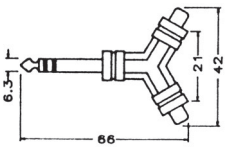
K32605
RCA plug to double RCA jack

K326051
(Gold plated)

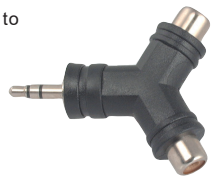
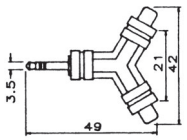
K32612
1/4" Stereo plug to double RCA jack

K326121
(Gold plated)

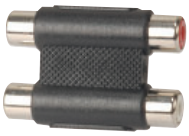
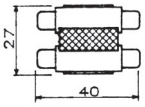
K32614
3.5mm Stereo plug to double RCA jack

K326141
(Gold plated)

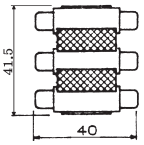
K32618
Double RCA J to double RCA J

K326181
(Gold plated)

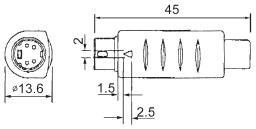



K326182
Triple RCA J to triple RCA J

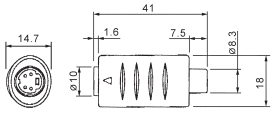
K326183
(Gold plated)

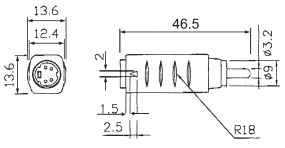
K32705
4P mini din plug to RCA jack
(gold plated)

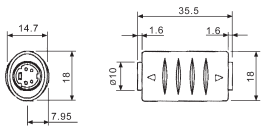
K32706
4P mini din jack to RCA jack
(gold plated)

K32707
4P mini din jack to RCA plug
(gold plated)

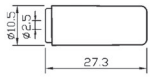
K32708
4P mini din jack to 4P mini din jack
(gold plated)

K3500
2.5mm Mono jack

K35001
2.5mm Stereo jack

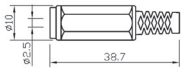




K3501
2.5mm Mono jack W/cable protector

K3502
2.5mm Stereo jack W/cable protector

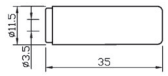




K3503
3.5mm Mono jack

K3504
3.5mm Stereo jack

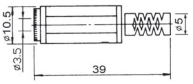




K3505
3.5mm Mono jack W/cable protector

K3506
3.5mm Stereo jack W/cable protector

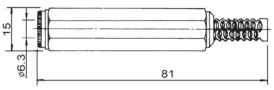




K3515
1/4" Mono jack W/cable protector

K3516
1/4" Stereo jack W/cable protector

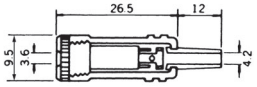




K3535
3.5mm Mono jack W/cable protector

K3536
3.5mm Stereo jack W/cable protector

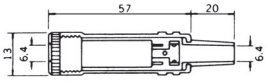




K3545
1/4" Mono jack W/cable protector

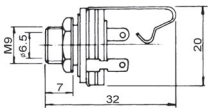
K3546
1/4" Stereo jack W/cable protector





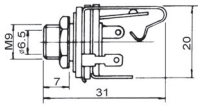
K356
2-Conductor open circuit 1/4" phone jack





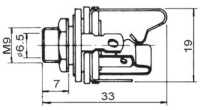
K357
2-Conductor closed circuit 1/4" phone jack





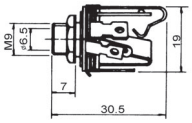
K358
3-Conductor open circuit 1/4" phone jack





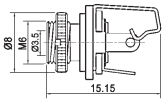
K359
3-Conductor closed circuit 1/4" phone jack



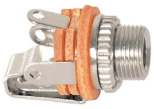


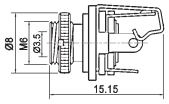
K3591
2-Conductor open circuit 3.5mm phone jack





K3592
2-Conductor closed circuit 3.5mm phone jack

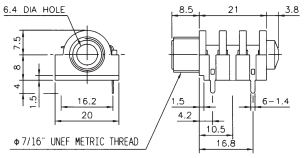




K35950
1/4" Phone jack



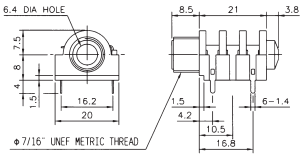




K35951
1/4" Phone jack



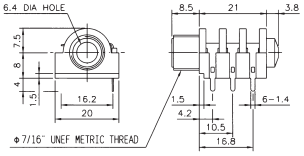




K35952
1/4" Phone jack



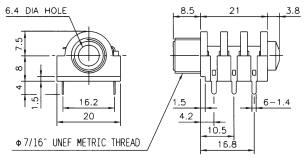




K35953
1/4" Phone jack



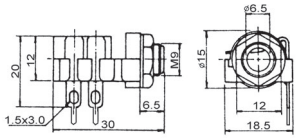




K3596
1/4" Phone jack (2-conductor open type)

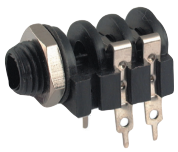


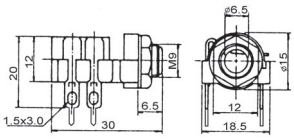




K3597
1/4" Phone jack (2-conductor close type)



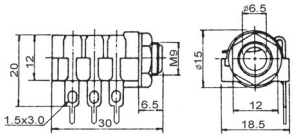




K3598
1/4" Phone jack (3-conductor open type)



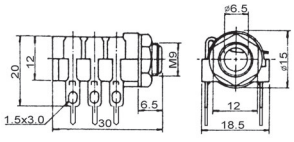




K3599
1/4" Phone jack (3-conductor close type)

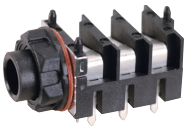


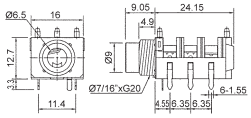




K359901
1/4" Stacking phone jack

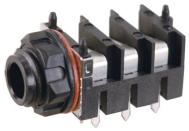


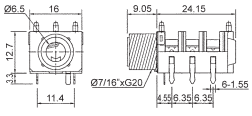




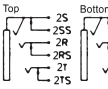
K359902
1/4" Stacking phone jack

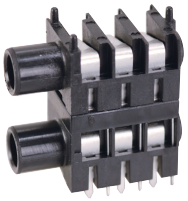


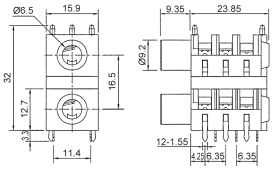




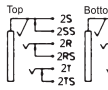
K359903
1/4" Stacking phone jack (double deck)

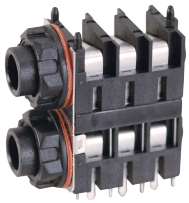


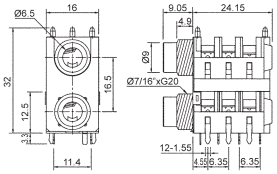




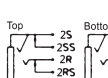
K359904
1/4" Stacking phone jack (double deck)

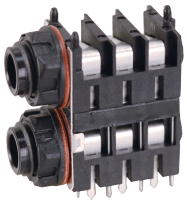


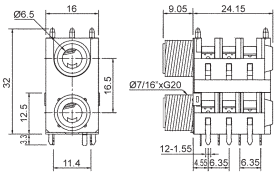




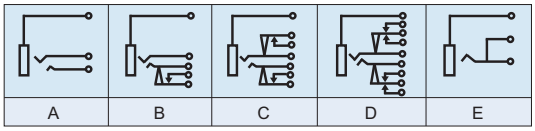
K359905
1/4" Stacking phone jack (double deck)



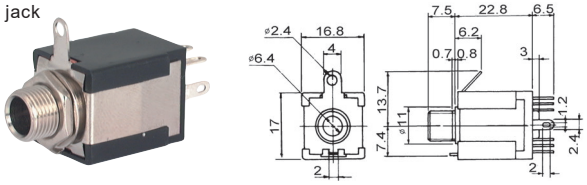




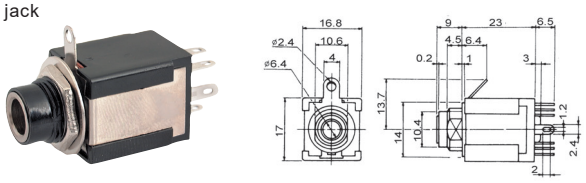
For **K3600 K3601 K3602 K3605 K3606 K36093**



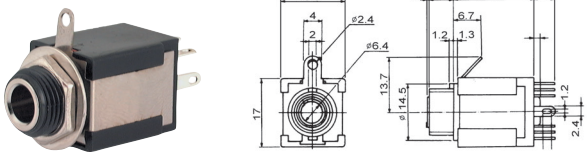
K3600
1/4" Phone jack



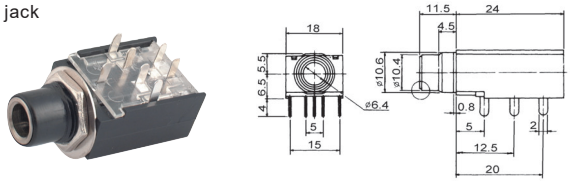
K3601
1/4" Phone jack



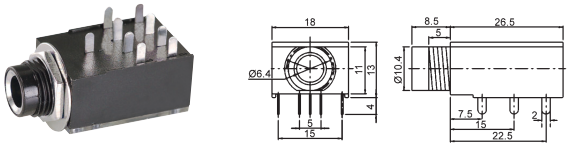
K3602
1/4" Phone jack



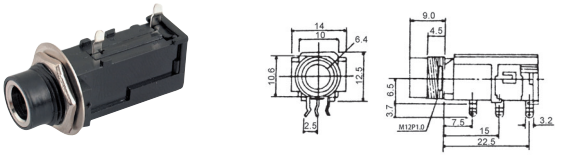
K3605
1/4" Phone jack



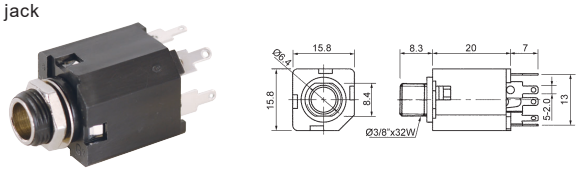
K3606
1/4" Phone jack



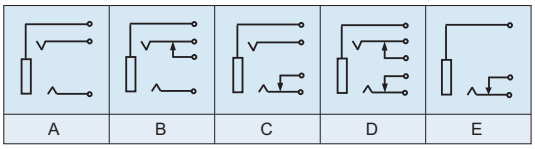
K36093A /E
1/4" Phone jack



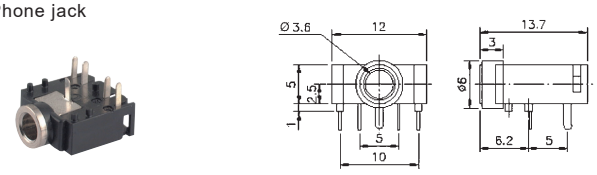
K36096A /B /C /D
1/4" Phone jack



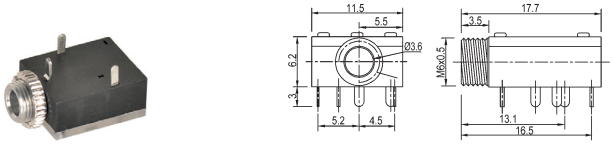
For **K36096 K3610 K3612 K3633 K36400 K36411 K36414**



K3610A /B /C /D /E
3.5mm Phone jack

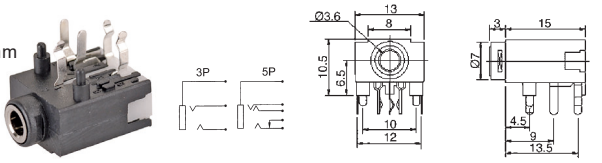


K3612A /B /C /D /E
3.5mm Phone jack

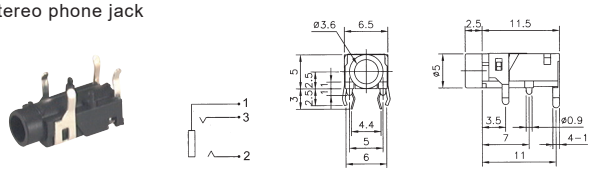


K3616
3P 3.5mm stereo phone jack

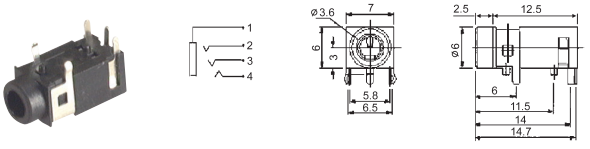
K3617
5P 3.5mm stereo phone jack



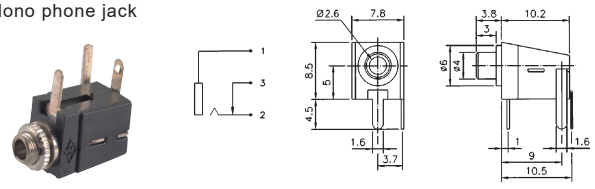
K3618
3.5mm Stereo phone jack



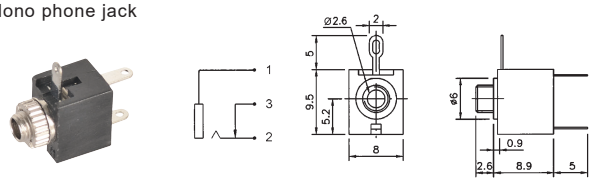
K3619
3.5mm Stereo phone jack



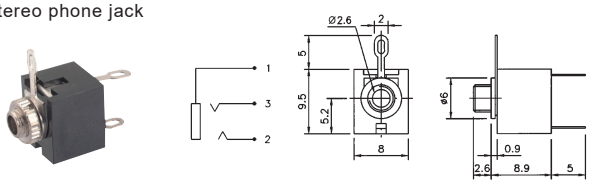
K3620
2.5mm Mono phone jack



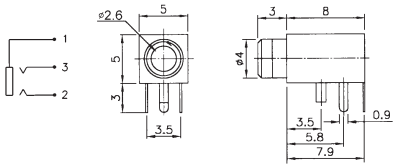
K3622
2.5mm Mono phone jack



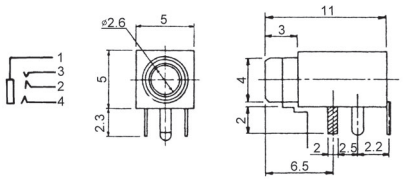
K3623
2.5mm Stereo phone jack



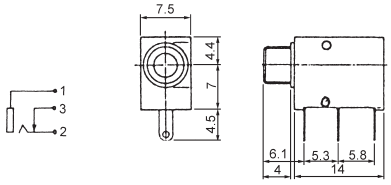
K3624
2.5mm Stereo phone jack

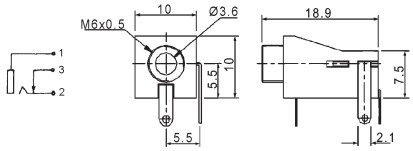
K3625
2.5mm Stereo phone jack

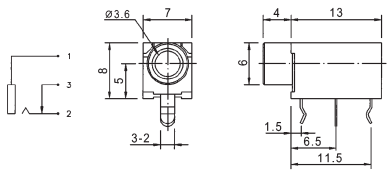
K3626
3.5mm Mono phone jack

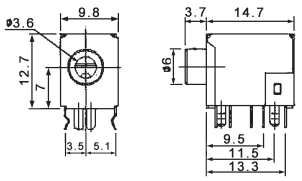
K3630
3.5mm Mono phone jack

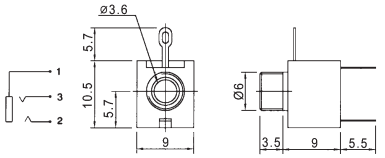
K3632
3.5mm Mono phone jack

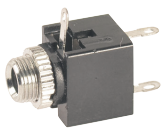
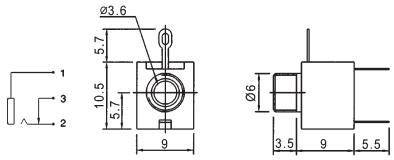
K3633A /B /C /D /E
3.5mm Phone jack W/shell

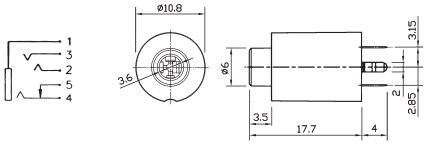
K3634
3.5mm Stereo phone jack

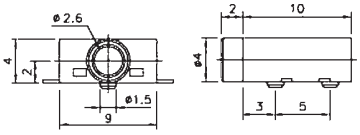
K3636
3.5mm Mono phone jack

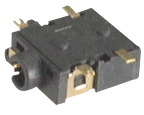
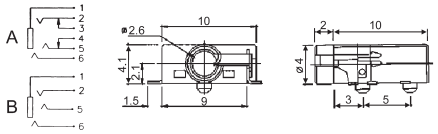
K36380
Waterproof 3.5mm stereo phone jack
can reach to IPX7

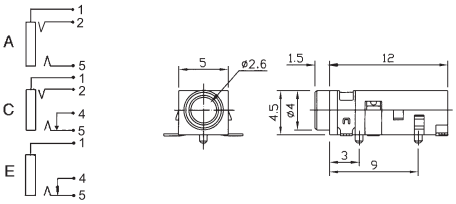
K36400A /B /C /D /E
2.5mm Phone jack (SMD)

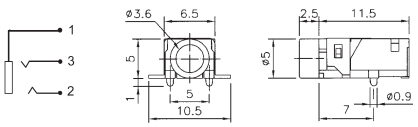
K36402A /B
2.5mm Stereo phone jack (SMD)

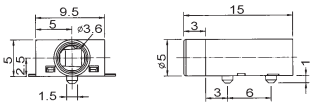
K36404A /C /E
2.5mm Phone jack (SMD)

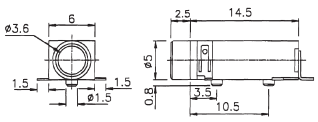
K36406
3.5mm Stereo phone jack (SMD)

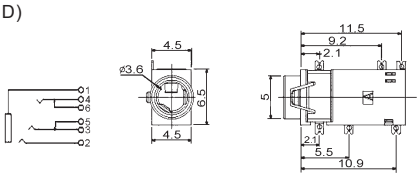
K36411A /B /C /D /E
3.5mm Phone jack (SMD)

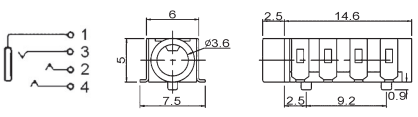
K36414A /C /D /E
3.5mm Phone jack (SMD)

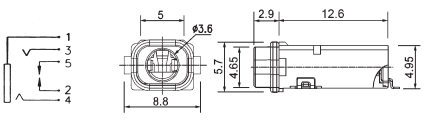
K36416
3.5mm Stereo phone jack (SMD)

K36420
3.5mm Stereo phone jack (SMD)

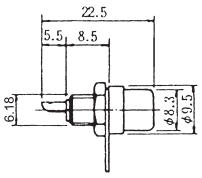
K36440
Waterproof 3.5mm stereo phone jack (SMD)
can reach to IP67

K365
Chassis mount RCA phono jack

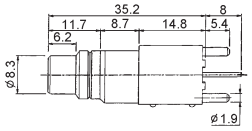


Color : red, black, yellow,
green, blue, white



K366U
RCA phono jack
(gold plated)

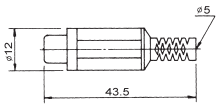




K366A
RCA phono jack

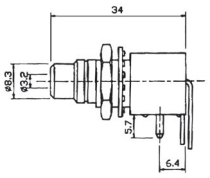


Color : red, black, yellow,
green, blue, white



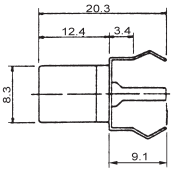
K366V
Right angle RCA phono jack
(gold plated)





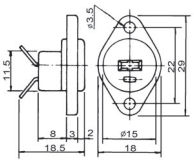
K366E
RCA phono jack





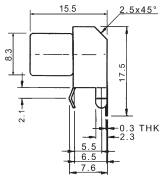
K367
2P din jack-panel mount





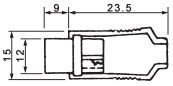
K366F
RCA phono jack





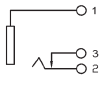
K36712
2P din inline socket
(screw type)

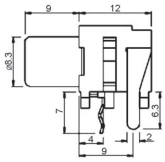




K366G
Right angle RCA phono jack

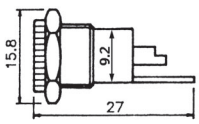






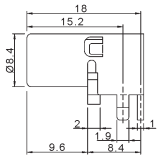
K36720A /B
DC power jack
A: pin 2mm
B: pin 2.5mm





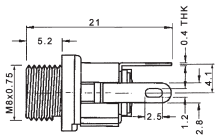
K366L
RCA phono jack





K36721A /B
DC power jack
A: pin 2mm
B: pin 2.5mm

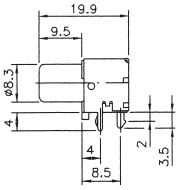




K366T
Right angle RCA phono jack

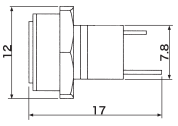






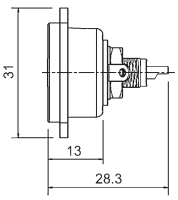
K36721C /D
DC power jack
C: pin 2mm
D: pin 2.5mm





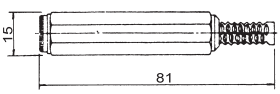
K366TA
RCA phono jack chassis mount





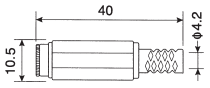
K36722A /B
DC power jack
A: pin 2mm
B: pin 2.5mm



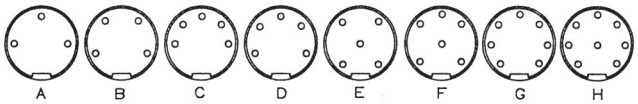


K36724A /B
DC power jack
A: pin 2mm
B: pin 2.5mm

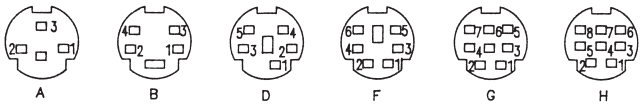




For **K3690 K3691 K3710 K37105 K3711**



For **K3693 K37130 ~ K37152**



Contact resistance : 30mΩ Max. (Initial)

Insulation resistance : 50MΩ Min. at 250VDC.

Withstanding voltage : 250VAC for one minute.

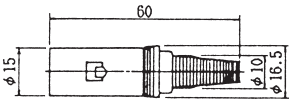
Insertion force : 4.5 kg.

Extraction force : 4.5 kg.

Life time : 5,000 cycles Min.

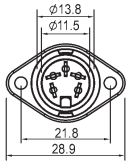
K3690
3P ~ 8P din socket





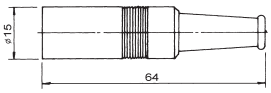
K37105
3P ~ 8P din socket bayonet locking type
(for **K31623)**





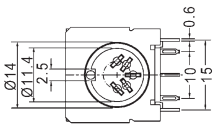
K3691
3P ~ 8P din socket





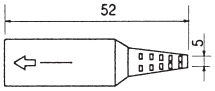
K3711
3P ~ 8P din socket





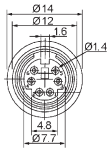
K3693
3P ~ 8P mini din socket





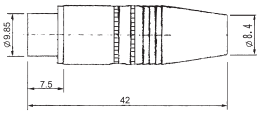
K37130
3P ~ 8P mini din socket





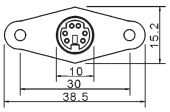
K36940
4P mini din socket
satin chrome barrel





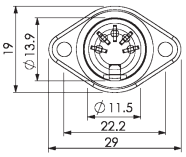
K37135
3P ~ 8P mini din socket





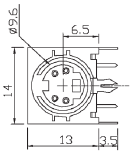
K3710
3P ~ 8P din socket (solder type)





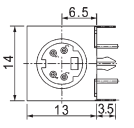
K3715
3P ~ 8P mini din socket





K37152
3P ~ 8P mini din socket



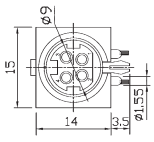


K37154A /B
3P ~ 4P DC power socket
DC 20V 7.5A
A: 3 pin
B: 4 pin

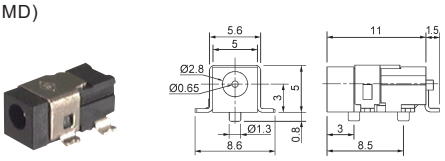
3 pin



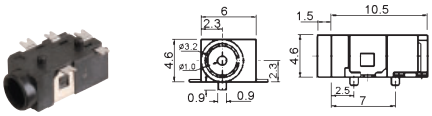




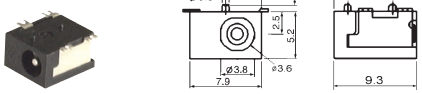
K372000
0.65mm DC power jack (SMD)



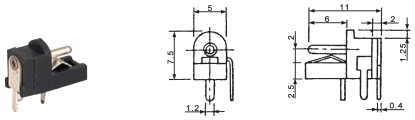
K372010
1.0mm DC power jack (SMD)



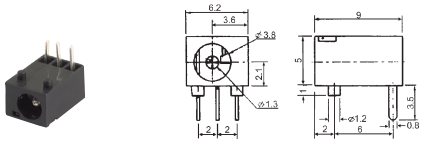
K372050
DC power jack (SMD)
A: central pin 1.0mm
B: central pin 1.3mm



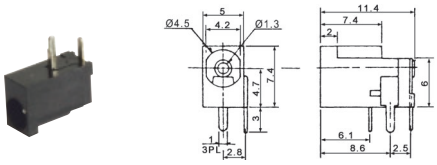
K37211
1.3mm DC power jack



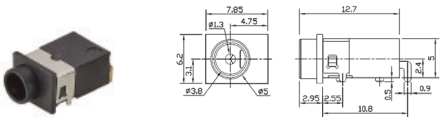
K37212
1.3mm DC power jack



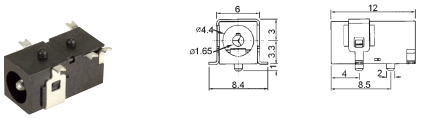
K37214
1.3mm DC power jack



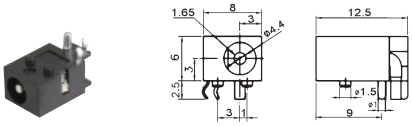
K37216
Waterproof 1.3mm DC power jack
can reach to IPX7
DC 20V 5A



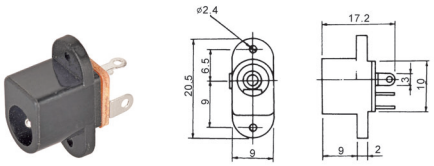
K37220
1.65mm DC power jack (SMD)



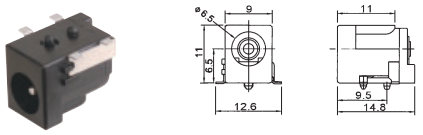
K37221
1.65mm DC power jack



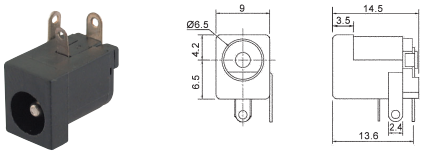
K374A /B
DC power jack
A: central pin 2mm
B: central pin 2.5mm



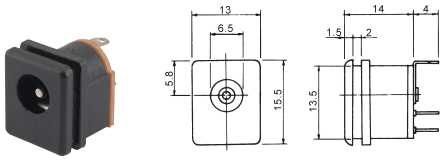
K374G /H
DC power jack (SMD)
G: central pin 2mm
H: central pin 2.5mm



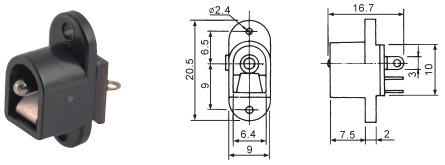
K375A /B
DC power jack
A: central pin 2mm
B: central pin 2.5mm



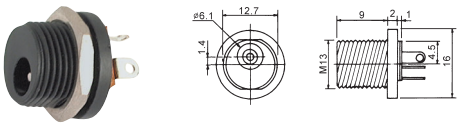
K375E /F
DC power jack
E: central pin 2mm
F: central pin 2.5mm



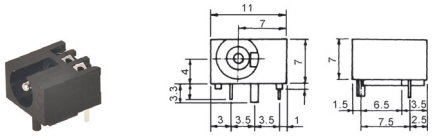
K375G /H
DC power jack
G: central pin 2mm
H: central pin 2.5mm



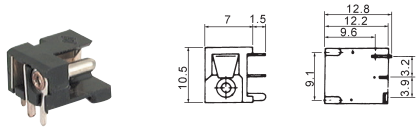
K375J /K
DC power jack
J: central pin 2mm
K: central pin 2.5mm



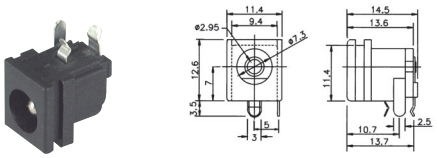
K375L /M
DC power jack
L: central pin 2mm
M: central pin 2.5mm



K375N /P
DC power jack
N: central pin 2mm
P: central pin 2.5mm

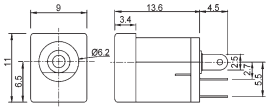


K375X
DC power jack
X: central pin 2.95mm



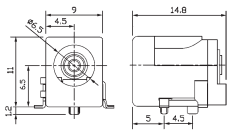
K375Y01 /02
DC power jack
DC 16V 5A
01: central pin 2mm
02: central pin 2.5mm





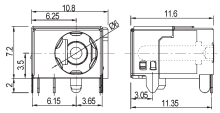
K375Y03 /04
DC power jack
DC 16V 5A
03: central pin 2mm
04: central pin 2.5mm



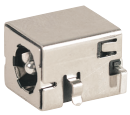


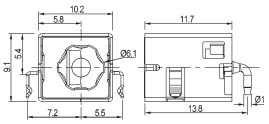
K375Y05 /06
DC power jack
DC 16V 5A
05: central pin 2mm
06: central pin 2.5mm





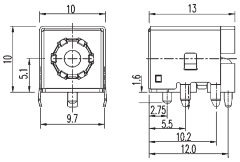
K375Y07 /08
DC power jack
DC 20V 7A
07: central pin 2mm
08: central pin 2.5mm





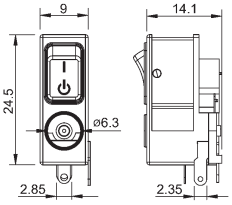
K375Y09 /10 (K375Y1 /Y2)
DC power jack
DC 20V 8A
09: central pin 2mm
10: central pin 2.5mm





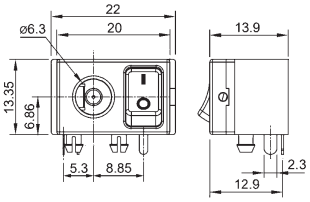
K375Z05 /06
DC power jack
W/rocker switch
DC 15V 5A
05: central pin 2mm
06: central pin 2.5mm





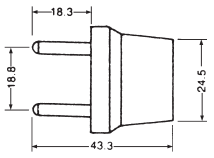
K375Z07 /08
DC power jack
W/rocker switch
DC 15V 5A
07: central pin 2mm
08: central pin 2.5mm





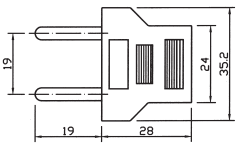
K3760
Convert plug (4mm)





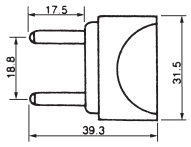
K3761
Convert plug (4mm)





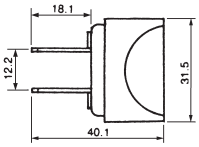
K3764 Convert plug (4mm)
K3765 Convert plug (5mm)



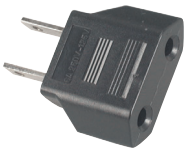


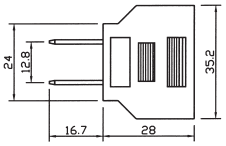
K3766
Convert plug



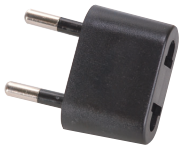


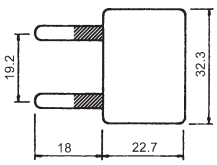
K37671
Convert plug





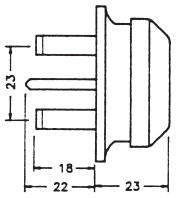
K37678
Convert plug





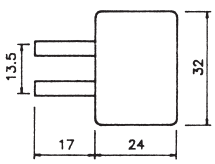
K37692
Convert plug
W/plastic ground



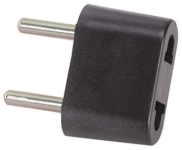


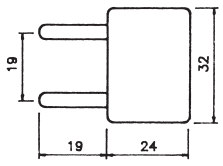
K37695
Convert plug





K37696
Convert plug





K376975
Universal travel adapter
(2 to 5) different plugs
changeable



1. Side socket.
2. With voltage indicator.
3. Universal receptacle can accept different plugs all over the world.

K376977
Universal travel adapter
(2 to 5) different plugs
changeable



1. Europe universal inlay way.
2. Multinational universal receptacle.





It does not perform voltage step-up or step-down conversion between 125V and 250V.

When use, please check and ensure your electronics apparatus can work with the local voltage.







Action 1
Suitable for area:
125V: Taiwan, Japan, U.S.A., Canada.
250V: Philippines, China, Thailand.





Action 2
Suitable for area:
250V: China, Australia, New Zealand.





Action 3
Suitable for area:
250V: England, Hong Kong, U.A.E., Singapore, Malaysia.





Action 4
Suitable for area:
250V: U.A.E., Russia, China, South America.
Down: turn right, close and screw down.

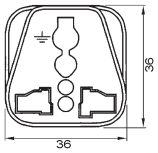




Action 5
Suitable for area:
250V: U.A.E., South America, E.U., Russia.(inlay way)
Up : turn left, open and screw down.



For **K376980** to **K376987**
Female socket can accept
different plugs all over the world.



K376980
Universal adapter
Rated : 125V 15A
Area : U.S.A., Canada



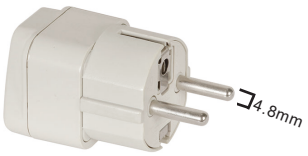
K376981
Universal adapter
Rated : 250V 13A
Area : England



K376982
Universal adapter
Rated : 250V 10A
Area : South America, Russia



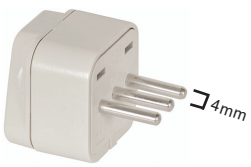
K376983
Universal adapter
Rated : 250V 10A
Area : Germany, France



K376984
Universal adapter
Rated : 250V 10A
Area : South America, Russia



K376985
Universal adapter
Rated : 250V 10A
Area : Italy



K376986
Universal adapter
Rated : 250V 10A
Area : Australia, New Zealand



K376987
Universal computer adapter
Rated : 250V 10A



K37703
Convert AS/NZS 3112 plug to
NEMA5-15R jack
Rated : 250V 10A



K37706
Convert CEE7-7 Europlug to
NEMA5-15R jack
Rated : 250V 10A



K37748
Convert IEC-C14 plug to
NEMA5-15R jack
Rated : 125V 10A





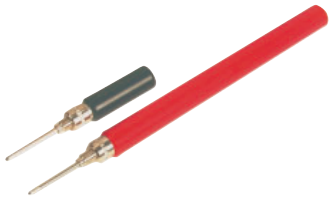
SHALLIN COMPONENTS

Audio video cables series



Test Lead Set / Oscilloscope Probe Kit / Audio Cable /
Power Supply Cord / Auto Cable / Video Cable

L400A
Solderless pin tip plug
short handle
L400B
Solderless pin tip plug
long handle



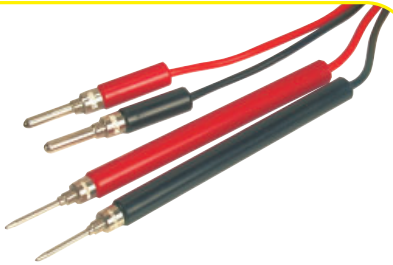
L4053
Right angle test lead set
banana plug type
L=3ft



L400C
Solderless pin tip plug
CE



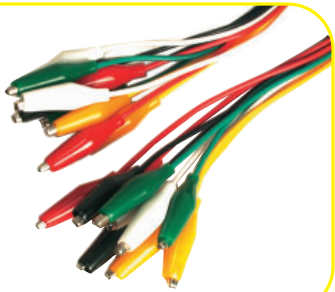
L407
Test lead set
banana plug type
L=3ft



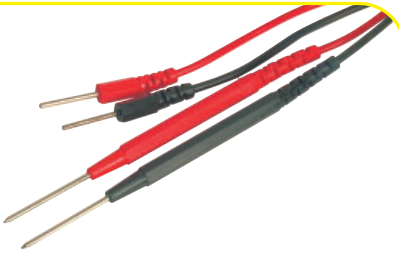
L401
Universal test lead kit
(wire connector 90°)



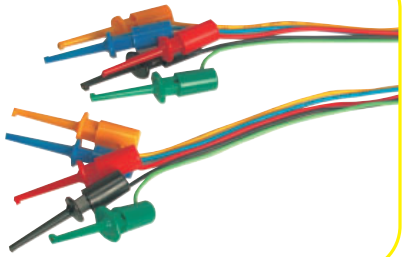
L410
Test lead set
(20 small clips)
L=1ft



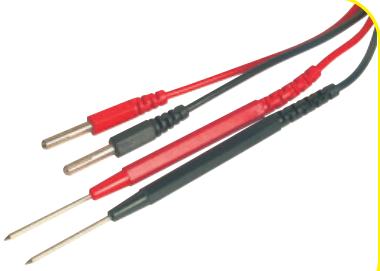
L404
Test lead set
pin tip type
L=3ft



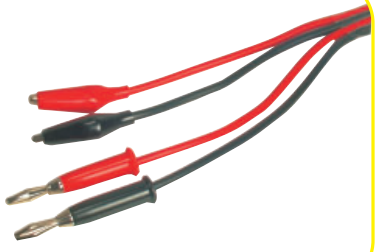
L4111
Test lead set
(10 small IC clips)
L=1ft



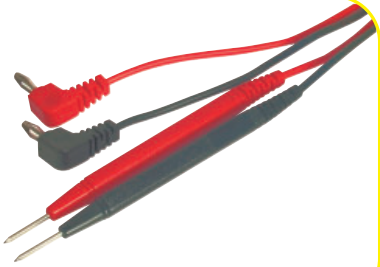
L405
Test lead set
banana plug type
L=3ft



L4112
Test lead set
clips & banana plugs
L=3ft



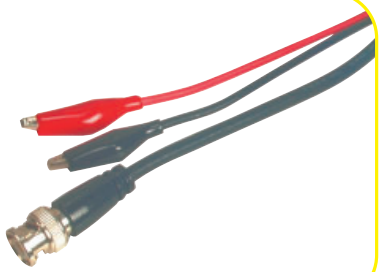
L4052
Right angle test lead set
banana plug type
L=3ft



L41125
Right angle test lead set
clips & banana plugs
L=0.25M



L41131
Test lead set
clips & BNC male
L=3ft



L4125
Right angle test lead set
banana plug type
L=3ft



L41132
Test lead set
banana plugs & BNC male
L=3ft



L41255
Test lead set
banana plug type
L=3ft



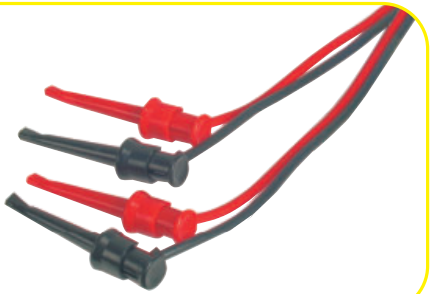
L41133
Test lead set
IC clips & BNC male
L=3ft



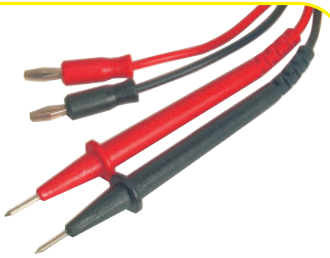
L4126
Universal test lead kit
(wire connector 180°)



L4114
Test lead set
IC clips type
L=3ft



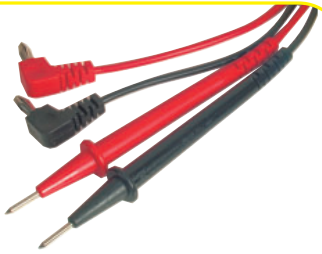
L4130
Test lead set
banana plug type
L=3ft



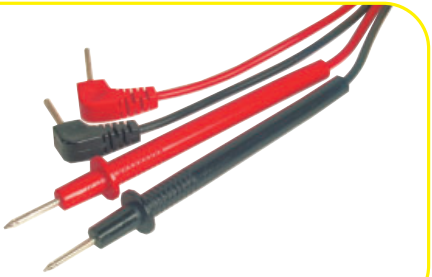
L4122
Right angle test lead set
banana plug type
L=3.5ft



L4132
Right angle test lead set
banana plug type
L=3ft



L4124
Right angle test lead set
pin tip type
L=3ft



L41355
Right angle test lead set
banana plug type
L=3ft



L4136
Right angle test lead set
banana plug type
L=4.5ft



L4137
Test lead set
banana plug type
L=4ft



L4138
Test lead set
banana plug type
L=3ft
Color : red, black



L4139
Test lead set
banana plug type
L=3ft
Color : red, black



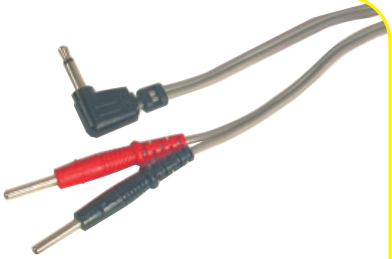
L4140
Test lead set
banana plug type
L=1.0M
Color : red, black



L4141
Test lead set
banana plug type (2mm)
L=0.3M
Color : red, black



L4150
Right angle test lead set
2.5mm mono plug &
2mm pin tips
L=0.8M



L4160
Test lead set
banana plug type
L=2.5ft



L4172
100MHz oscilloscope probe kit
Input voltage : 600VDC
L=1.5M



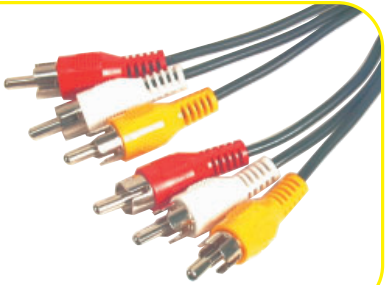
L4331
2P din plug to
2P din jack
L=1.5M



L4332
2P din plug to
2P din plug
L=1.5M



L44111
3 x RCA phono plugs to
3 x RCA phono plugs
L=1.5M



L448605
3.5mm Mono plug to
3.5mm mono plug
L=1.5M



L4412
2 x RCA phono plugs to
2 x RCA phono plugs
L=1.5M



L44861
3.5mm Stereo plug to
3.5mm stereo plug
L=1.5M



L4420
1 x RCA phono plug to
2 x RCA phono jacks
L=0.2M



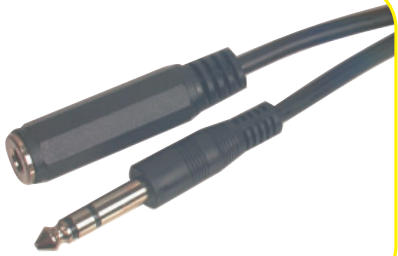
L44865
6.3mm Stereo plug to
6.3mm stereo plug
L=1.5M



L4422
2 x RCA phono plugs to
2 x RCA phono jacks
L=1.5M



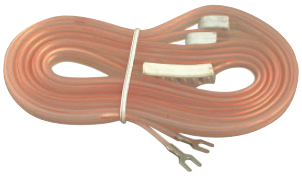
L44866
6.3mm Stereo plug to
6.3mm stereo jack
L=1.5M



L4432
3.5mm Stereo plug to
2 x RCA phono plugs
L=1.5M



L449A
FM dipole antenna
Size: 5' x 6'



L44860
3.5mm Mono plug to
3.5mm mono jack
L=1.5M



L449E
FM dipole antenna standard type
Size: 5' x 6'

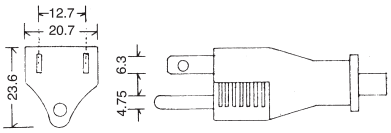


Description : Length (6ft)

Type	Conductor			PVC sheath O.D.(mm)
	AWG	Stranding PCS / mm	NO. of conductors	
SVT	18	42 / 0.16	3	6.50
SJT	18	42 / 0.16	3	8.30
H03VV-F	0.75mm²	30 / 0.18	3	6.01
H03VVH2-F	0.75mm²	30 / 0.18	2	5.66
H05VV-F	0.75mm²	30 / 0.18	3	6.84
H05VVH2-F	0.75mm²	30 / 0.18	2	6.46
H05VV-F	1.00mm²	40 / 0.18	3	7.25

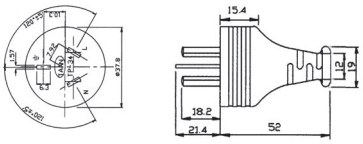
L45100 Power supply cord SVT type
L45101 Power supply cord SJT type
American / Canadian type (free end)
AC250V 10A





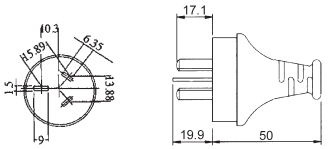
L45130 Power supply cord H03VV-F 3 x 0.75 mm²
L45131 Power supply cord H05VV-F 3 x 0.75 mm²
L45132 Power supply cord H05VV-F 3 x 1.00 mm²
Argentina type (free end)
AC250V 10A





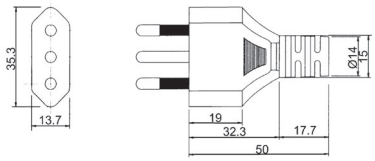
L45135 Power supply cord H03VV-F 3 x 0.75 mm²
L45136 Power supply cord H05VV-F 3 x 0.75 mm²
L45137 Power supply cord H05VV-F 3 x 1.00 mm²
Australia type (free end)
AC250V 10A





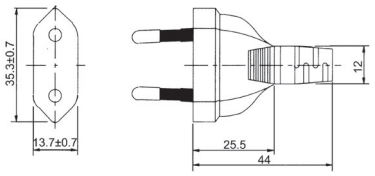
L45140 Power supply cord H03VV-F 3 x 0.75 mm²
L45141 Power supply cord H05VV-F 3 x 0.75 mm²
L45142 Power supply cord H05VV-F 3 x 1.00 mm²
Italian type (free end)
AC250V 10A





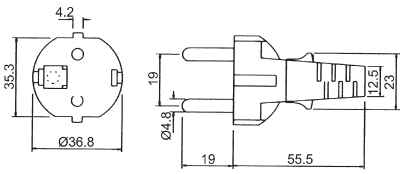
L45145 Power supply cord H03VVH2-F 2 x 0.75 mm²
L45146 Power supply cord H05VVH2-F 2 x 0.75 mm²
European type (free end)
AC250V 2.5A





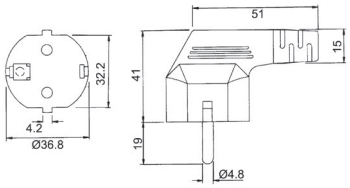
L45150 Power supply cord H03VV-F 3 x 0.75 mm²
L45151 Power supply cord H05VV-F 3 x 0.75 mm²
L45152 Power supply cord H05VV-F 3 x 1.00 mm²
European type (free end)
AC250V 10A





L45155 Power supply cord H03VV-F 3 x 0.75 mm²
L45156 Power supply cord H05VV-F 3 x 0.75 mm²
L45157 Power supply cord H05VV-F 3 x 1.00 mm²
European right angle type (free end)
AC250V 10A





L45500A /B
DC P to auto P W/5A fuse (18AWG/1M)
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



L45501A /B
DC P to auto P W/5A fuse (20AWG/5')
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



L45502A /B
DC P to auto P W/5A fuse W/LED (18AWG/1M)
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



L45503A /B
DC P to auto P W/5A fuse (18AWG/1M)
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



L45504A /B
DC P to auto P W/5A fuse (20AWG/5')
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



L45505A /B
DC P to auto P W/5A fuse W/LED (18AWG/1M)
A : 2.1 x 5.5mm
B : 2.5 x 5.5mm



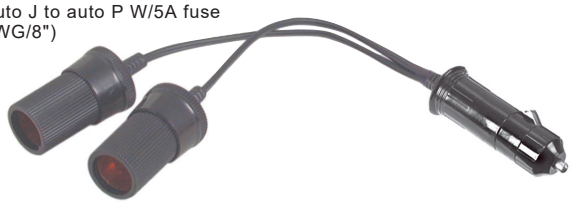
L45510
Auto J to auto P W/5A fuse (18AWG/1M)



L45511
Auto J to auto P W/5A fuse W/LED (18AWG/1')



L45513
2 x auto J to auto P W/5A fuse
(18AWG/8")



L45526
30A battery clip to auto J (18AWG/1')



L46020
Mini 4P din plug to
mini 4P din plug
L=1.5M

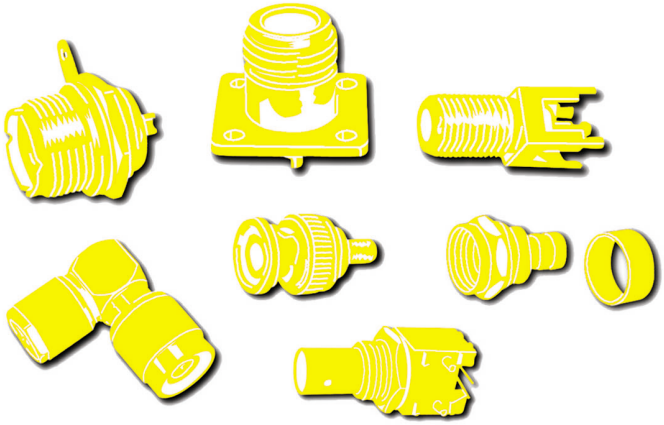


L46021
Mini 4P din plug to
mini 4P din jack
L=1.5M



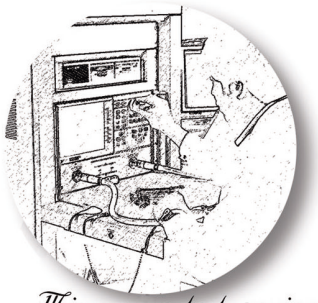
SHALLIN COMPONENTS

R F connectors series

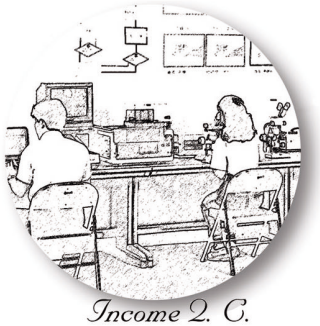




Machining



Microwave test equipment



Income 2. C.

SMA / SMB / SMZ / FAKRA SMB / SMC / SMP / SMPM / MCX / MMCX / IPEX MHF & MC Card / K / UHF & Mini UHF / BNC & Twin-BNC & Mini BNC & 12G-SDI BNC / F / N / TNC / FME / BMA / G / Twinaxial /1.0 / 2.3 / 1.6 / 5.6 / Reverse Polarity / Technician Adapter Kit / Solderless Cable / PAL / RF Cable / MIC / Waterproof M5 & M8 & M12 Connector / Circular Power Connector

RF Connectors (page.87~page.117)

Coaxial cable assemblies

Ordering Information :

M5500 - L (UHF male crimp type RG58U**)**

A : 9B/U,214/U

C : BT3002

D : 142B/U,223/U,400/U

E : 179B/U,187A/U

F : H155

G : 8/U,LMR400,belden9913

H : 6A/U,6/U (5C2V)

J : 8A/U,213/U(7C2V)

K : 11A/U

L : 58/U,58A/U,141A/U(3C2V)

M : 59/U,59A/U,59B/U,62A/U,210/U

N : 108A/U

P : 174/U,188A/U,316/U

Q : 178/U,196/U

R : belden 8227,9207

S : 1855A

U : 401/U

V : 402/U

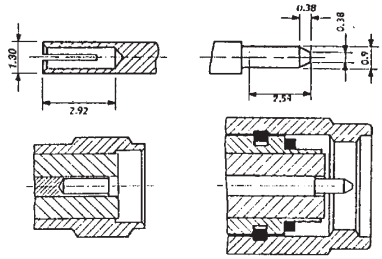
W: 405/U

Insulation (**B** : bakelite **T** : teflon)

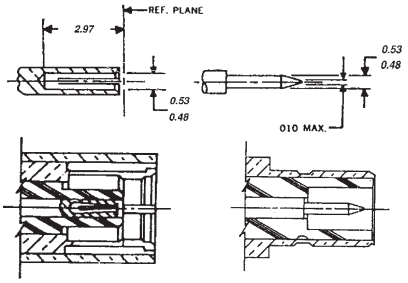
Electrical specifications :

Connector series	Impedance	Frequency range	Voltage rating	Withstanding voltage	Contact resistance	Insulation resistance
SMA	50Ω	0 - 18 GHz	AC 500V	AC1000V one minute	3.0mΩ max	5000MΩ min at DC 500V
SMB	50Ω	0 - 4 GHz	AC 250V	AC 750V one minute	6.0mΩ max	1000MΩ min at DC 500V
SMZ	75Ω	0 - 3 GHz	AC 500V	AC 1500V one minute	5.0mΩ max	5000MΩ min at DC 500V
FAKRA SMB	50Ω	0 - 4 GHz	AC 250V	AC 750V one minute	5.0mΩ max	1000MΩ min at DC 500V
SMC	50Ω	0 - 10 GHz	AC 335V	AC 750V one minute	6.0mΩ max	1000MΩ min at DC 500V
SMP	50Ω	0 - 40 GHz	AC 350V	AC 500V one minute	6.0mΩ max	5000MΩ min at DC 500V
SMPM	50Ω	0 - 65 GHz	AC 275V	AC 500V one minute	6.0mΩ max	5000MΩ min at DC 500V
MCX	50Ω	0 - 6 GHz	AC 335V	AC1000V one minute	5.0mΩ max	1000MΩ min at DC 500V
MMCX	50Ω	0 - 6 GHz	AC 170V	AC 500V one minute	5.0mΩ max	1000MΩ min at DC 500V
IPEX MHF	50Ω	0-6/0-12 GHz	AC 60V	AC 200V one minute	20.0mΩ max	500MΩ min at DC 500V
MC CARD	50Ω	0 - 8 GHz	AC 170V	AC 750V one minute	1.5mΩ max	5000MΩ min at DC 500V
K	50Ω	0 - 40 GHz	AC 250V	AC 500V one minute	3.0mΩ max	5000MΩ min at DC 500V
UHF	50Ω	0 - 300 MHz	AC 500V	AC1500V one minute	3.0mΩ max	5000MΩ min at DC 500V
MINI UHF	50Ω	0 - 2.5 GHz	AC 335V	AC1000V one minute	5.0mΩ max	5000MΩ min at DC 500V
BNC	50Ω/75Ω	0-4/0-1 GHz	AC 500V	AC1500V one minute	3.0mΩ max	5000MΩ min at DC 500V
F	75Ω	0 - 2 GHz	AC 250V	AC 500V one minute	5.0mΩ max	1000MΩ min at DC 500V
N	50Ω	0 - 11 GHz	AC1000V	AC2500V one minute	3.0mΩ max	5000MΩ min at DC 500V
TNC	50Ω/75Ω	0-4/0-1 GHz	AC 500V	AC1500V one minute	3.0mΩ max	5000MΩ min at DC 500V
FME	50Ω	0 - 3 GHz	AC 500V	AC1000V one minute	10 mΩ max	5000MΩ min at DC 500V
BMA	50Ω	0-12.4/0-18 GHz	AC 170V	AC 550V one minute	3.0mΩ max	5000MΩ min at DC 500V
G	75Ω	0 - 2 GHz	AC 250V	AC 500V one minute	5.0mΩ max	1000MΩ min at DC 500V
1.0/2.3 COAXIAL	50Ω	0 - 4 GHz	AC 250V	AC 750V one minute	6.0mΩ max	1000MΩ min at DC 500V
1.6/5.6 COAXIAL	75Ω	0 - 1 GHz	AC 335V	AC1000V one minute	4.0mΩ max	1000MΩ min at DC 500V
PAL	75Ω	0 - 1 GHz	AC 500V	AC1500V one minute	5.0mΩ max	5000MΩ min at DC 500V

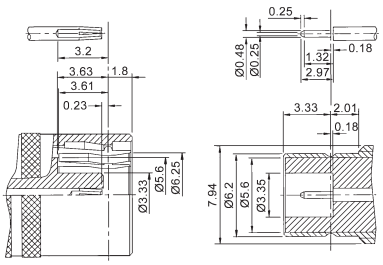
SMA series



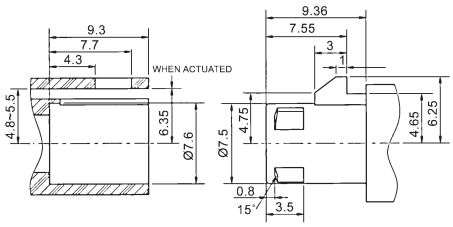
SMB series



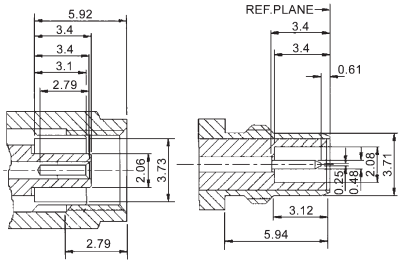
SMZ series



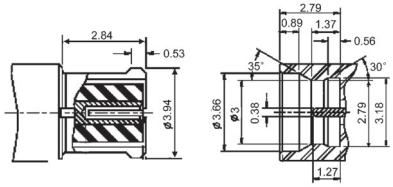
FAKRA SMB series



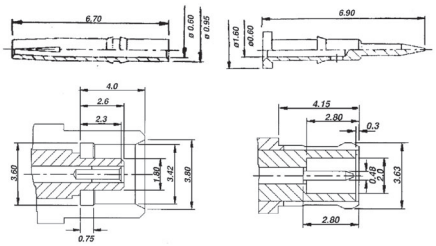
SMC series



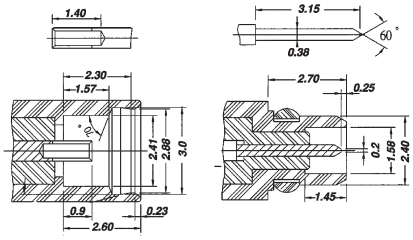
SMP series



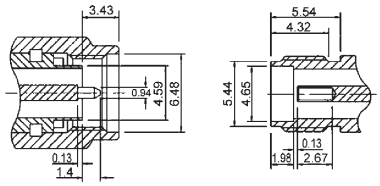
MCX series



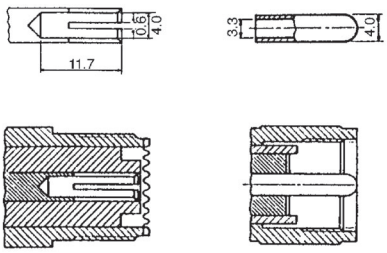
MMCX series



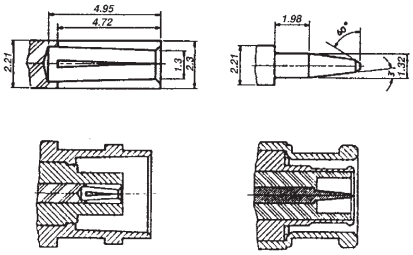
K series



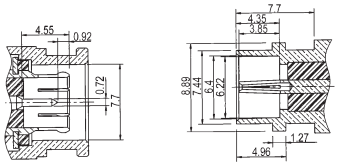
UHF series



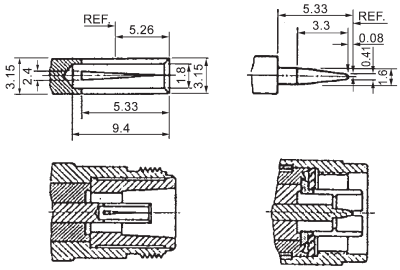
BNC series



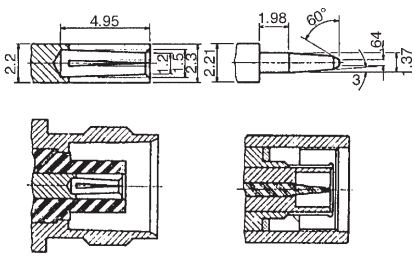
Mini BNC series



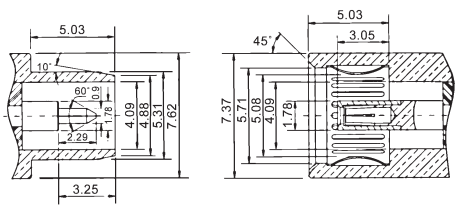
N series



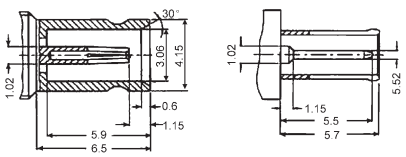
TNC series



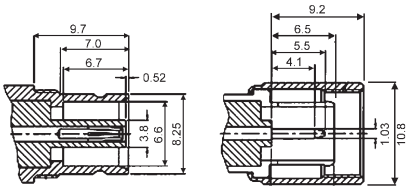
BMA series



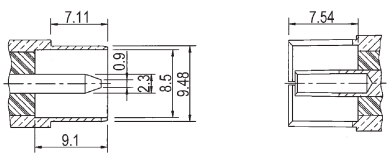
1.0/2.3 series



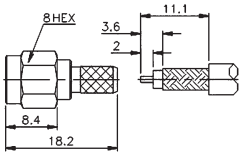
1.6/5.6 series



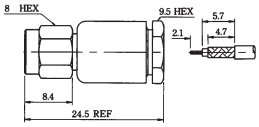
PAL series



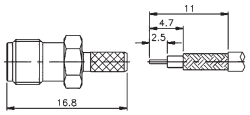
M5000
SMA male crimp type gold-pin (RG58U/174U)

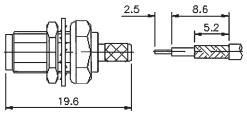
M5001
SMA male clamp type gold-pin (RG58U)

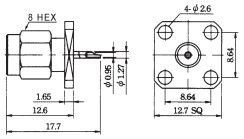
M5004
SMA female crimp type gold-pin (RG58U/174U)

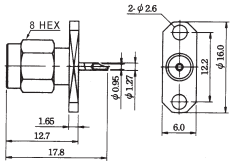
M5006
SMA female bulkhead crimp type gold-pin (RG58U/174U)

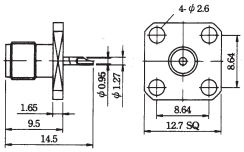
M5008
SMA male chassis mount gold-pin

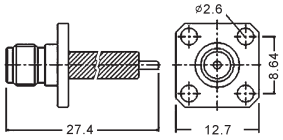
M5009
SMA male chassis mount gold-pin

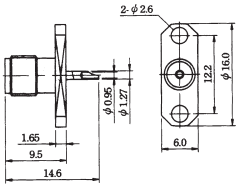
M5010
SMA female chassis mount gold-pin

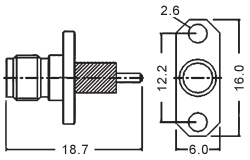
M50105
SMA female chassis mount gold-pin

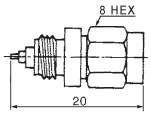
M5011
SMA female chassis mount gold-pin

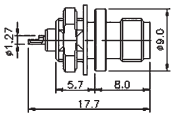
M50115
SMA female chassis mount gold-pin

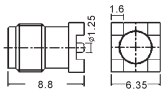
M5012
SMA male bulkhead gold-pin

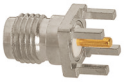
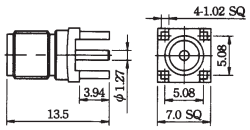
M5013
SMA female bulkhead gold-pin

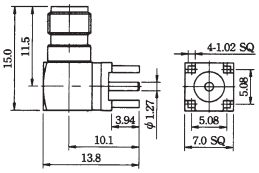
M501305
SMA female surface mount
(gold plated)

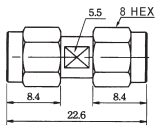
M501310
SMA female PCB mount gold-pin

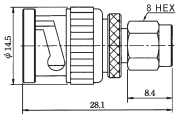
M501315
Right angle SMA female PCB mount gold-pin

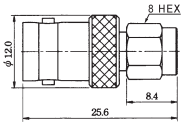
M5014
Double SMA male gold-pin

M5015
SMA male to BNC male gold-pin

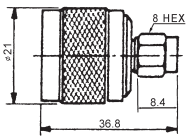



M5016
SMA male to BNC female gold-pin

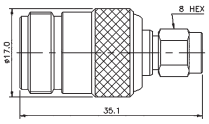
M5017
SMA male to N male gold-pin





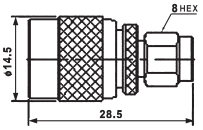
M5018
SMA male to N female gold-pin





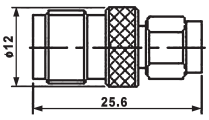
M5019
SMA male to TNC male gold-pin





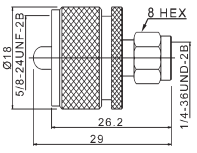
M5020
SMA male to TNC female gold-pin



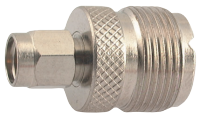


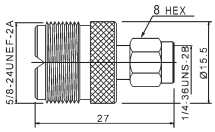
M5021
SMA male to UHF male gold-pin





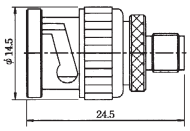
M5022
SMA male to UHF female gold-pin





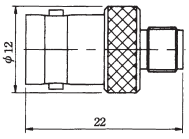
M5025
SMA female to BNC male gold-pin





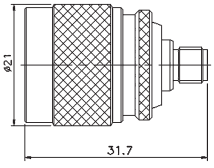
M5026
SMA female to BNC female gold-pin



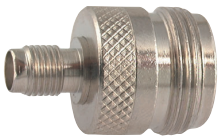


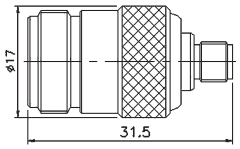
M5027
SMA female to N male gold-pin





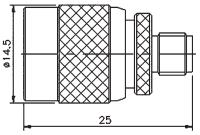
M5028
SMA female to N female gold-pin





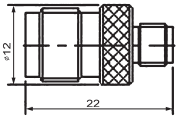
M5029
SMA female to TNC male gold-pin





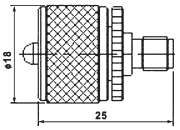
M5030
SMA female to TNC female gold-pin





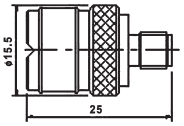
M5031
SMA female to UHF male gold-pin





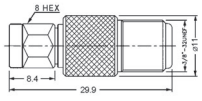
M5032
SMA female to UHF female gold-pin





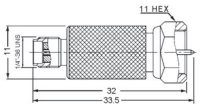
M503451
SMA male to F female gold-pin





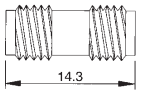
M503452
SMA female to F male gold-pin





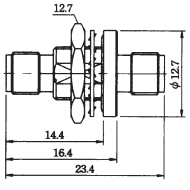
M5035
Double SMA female gold-pin



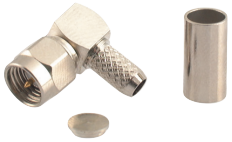


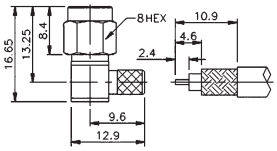
M5036
Double SMA female bulkhead gold-pin



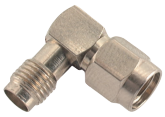


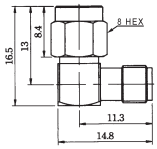
M5037
Right angle SMA male crimp type gold-pin (RG58U/174U)





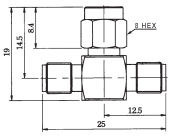
M5038
Right angle SMA male to female gold-pin



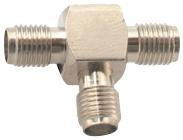


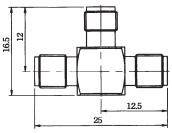
M5039
T-type SMA male to double female gold-pin





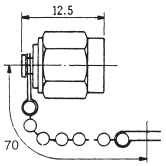
M5040
T-type triple SMA female gold-pin





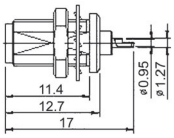
M5041
Protective cap for SMA female





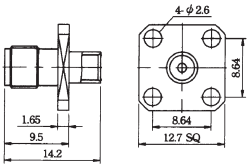
M5043
SMA female bulkhead gold-pin





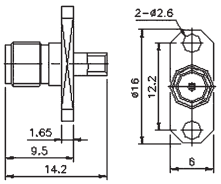
M5053
SMA female chassis mount gold-pin (RG402U/405U)





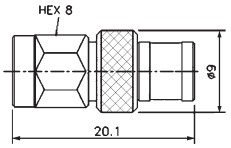
M5054
SMA female chassis mount gold-pin (RG402U/405U)





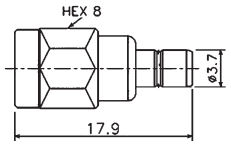
M50570
SMA male to SMB male (gold plated)





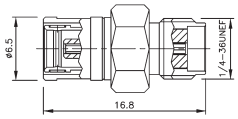
M50571
SMA male to SMB female (gold plated)





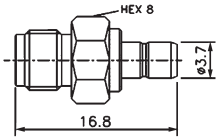
M50572
SMA female to SMB male (gold plated)





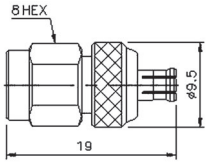
M50573
SMA female to SMB female (gold plated)





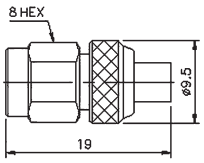
M50580
SMA male to MCX male (gold plated)





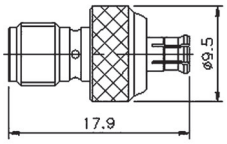
M50581
SMA male to MCX female (gold plated)





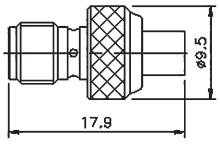
M50582
SMA female to MCX male (gold plated)



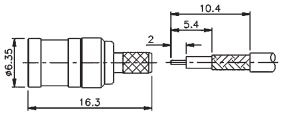


M50583
SMA female to MCX female (gold plated)

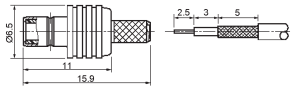




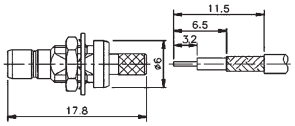
M5150
SMB male crimp type (RG174U/178U)
(gold plated)

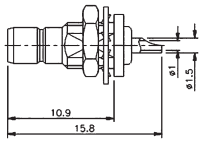
M5151
SMB female crimp type (RG174U/178U)
(gold plated)

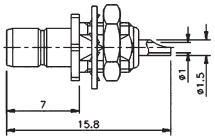
M515210
SMB female bulkhead crimp type (RG174U)
(gold plated)

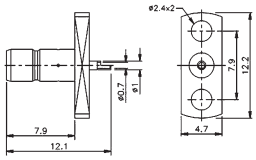
M5153
SMB female bulkhead
(gold plated)

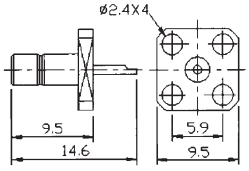
M5154
SMB female bulkhead
(gold plated)

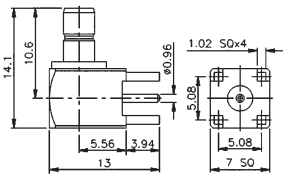
M515605
SMB female chassis mount
(gold plated)

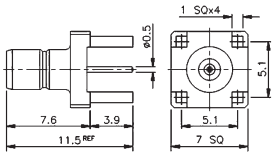
M515606
SMB female chassis mount
(gold plated)

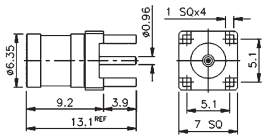
M5157
Right angle SMB female PCB
mount (gold plated)

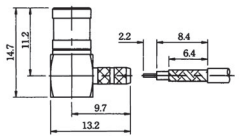
M5158
SMB female PCB mount
(gold plated)

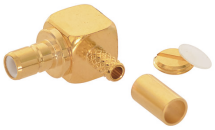
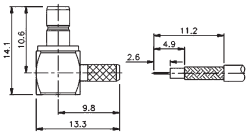
M5159
SMB male PCB mount
(gold plated)

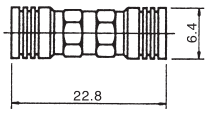
M5160
Right angle SMB male crimp type (RG174U/178U)
(gold plated)

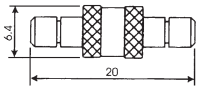
M516005
Right angle SMB female crimp type (RG174U/178U)
(gold plated)

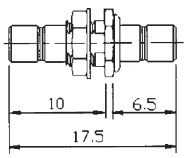
M5161
Double SMB male
(gold plated)

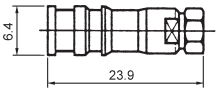
M516105
Double SMB female
(gold plated)

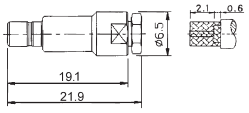
M5162
Double SMB female bulkhead
(gold plated)

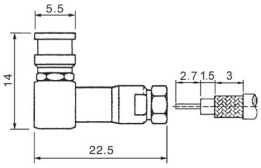
M5163
SMB male clamp type (RG174U/178U)
(gold plated)

M5164
SMB female clamp type (RG174U/178U)
(gold plated)

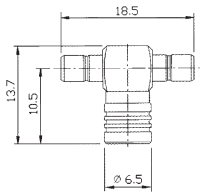



M5165
Right angle SMB male clamp type
(RG174U/178U) (gold plated)

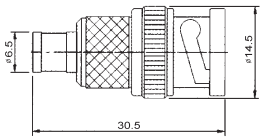
M5170
T-type SMB male to double female
(gold plated)





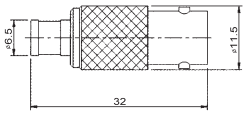
M51800
SMB male to BNC male gold-pin



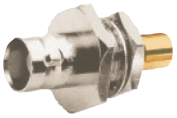


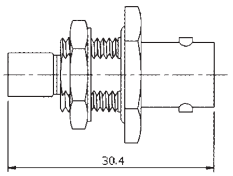
M51801
SMB male to BNC female gold-pin





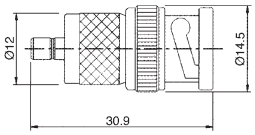
M51802
SMB male to BNC female bulkhead gold-pin





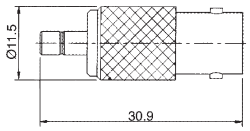
M51810
SMB female to BNC male gold-pin





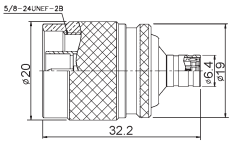
M51811
SMB female to BNC female gold-pin





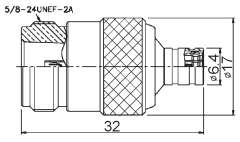
M51830
SMB male to N male
gold-pin





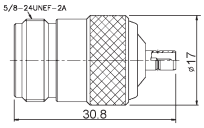
M51831
SMB male to N female
gold-pin



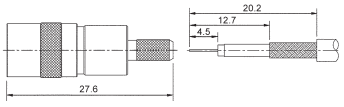


M51832
SMB female to N female
gold-pin

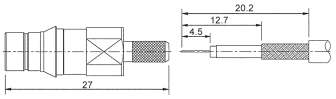




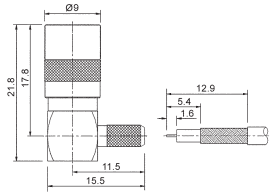
M519550
SMZ male crimp type gold-pin (BT3002)

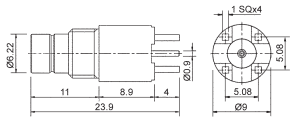
M519551
SMZ female crimp type gold-pin (BT3002)

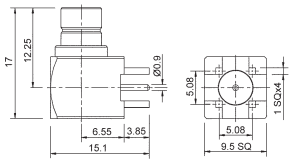
M519552
Right angle SMZ male crimp type gold-pin (BT3002)

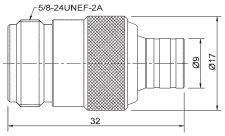
M519553
SMZ female bulkhead PCB mount (gold plated)

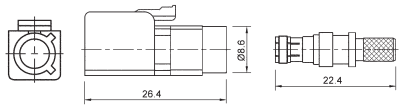
M519554
Right angle SMZ female PCB mount (gold plated)

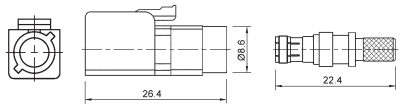
M519555
SMZ male to N female (gold plated)

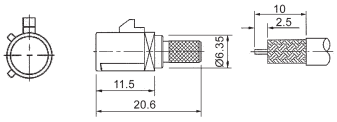
M51960
FAKRA SMB male crimp type gold-pin (RG58U/174U)

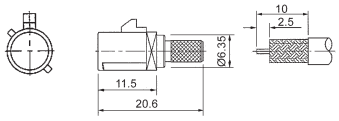
M519605
FAKRA SMB male crimp type gold-pin (RG58U/174U)

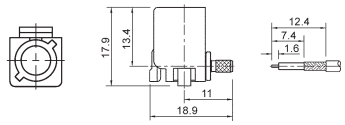
M51961
FAKRA SMB female crimp type gold-pin (RG58U/174U)

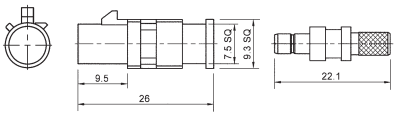
M519615
FAKRA SMB female crimp type gold-pin (RG58U/174U)

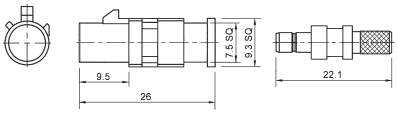
M51962
Right angle FAKRA SMB male crimp type gold-pin (RG174U/178U)

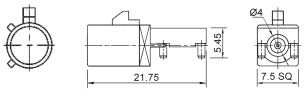
M51963
FAKRA SMB female crimp type gold-pin (RG174U/223U)

M519635
FAKRA SMB female crimp type gold-pin (RG174U/178U)

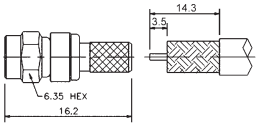



M51964
FAKRA SMB female PCB mount (gold plated)

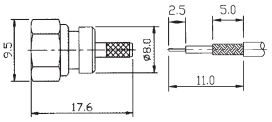
M52000
SMC male crimp type (RG174U/178U)
(gold plated)



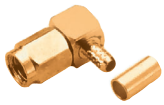


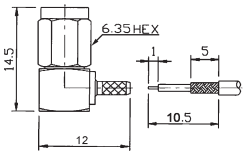
M52002
SMC male crimp type (RG178U)
(gold plated)





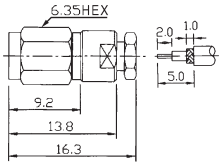
M52004
Right angle SMC male crimp type
(RG174U/178U)
(gold plated)





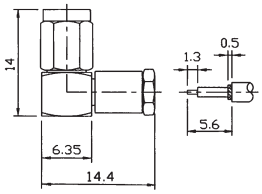
M52010
SMC male clamp type (RG174U/178U)
(gold plated)





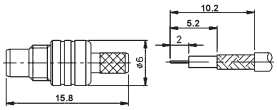
M52016
Right angle SMC male clamp type
(RG174U/178U)
(gold plated)





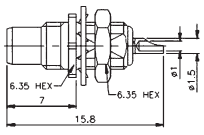
M52020
SMC female crimp type
(RG174U/178U)
(gold plated)





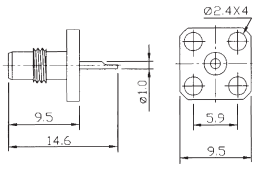
M52030
SMC female bulkhead
(gold plated)





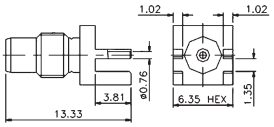
M52040
SMC female chassis mount
(gold plated)



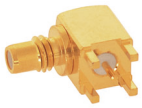


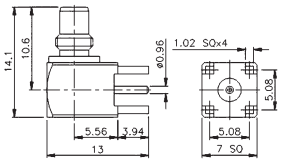
M52050
SMC female PCB mount
(gold plated)





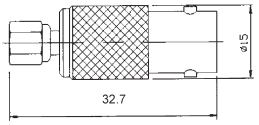
M52060
Right angle SMC female PCB mount
(gold plated)





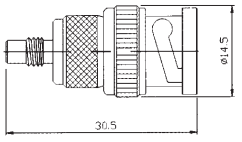
M52080
SMC male to BNC female gold-pin





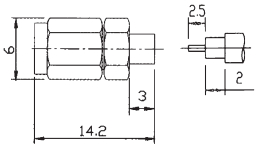
M52086
SMC female to BNC male gold-pin





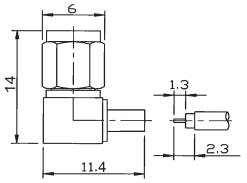
M52090
SMC male solder type
for semi-rigid cable
(RG402U/405U)
(gold plated)





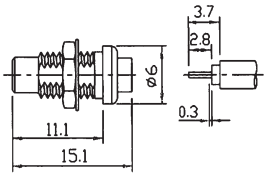
M52092
Right angle SMC male solder type
for semi-rigid cable
(RG402U/405U)
(gold plated)





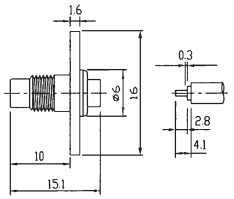
M52096
SMC female bulkhead solder type
for semi-rigid cable
(RG402U/405U)
(gold plated)





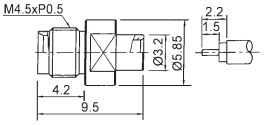
M52098
SMC female chassis mount
(RG402U/405U)
(gold plated)





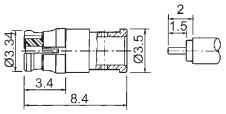
M52100
SMP male solder type (RG405U)
(gold plated)





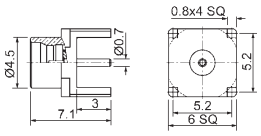
M52101
SMP female solder type (RG405U)
(gold plated)





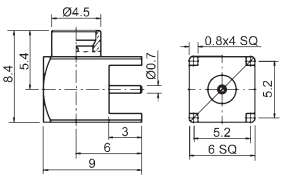
M52105
SMP male PCB mount
(gold plated)





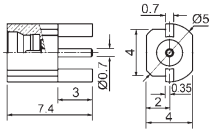
M52106
Right angle SMP male PCB mount
(gold plated)





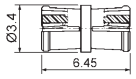
M52109
SMP male PCB mount
(gold plated)





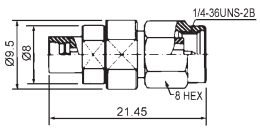
M52110
Double SMP female
(gold plated)





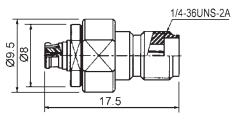
M52111
SMP male to K male
(gold plated)





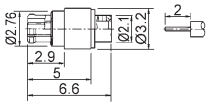
M52112
SMP female to K female
(gold plated)





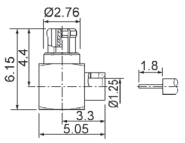
M52120
SMPM female solder type (RG405U)
(gold plated)





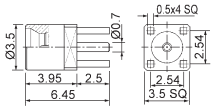
M52121
Right angle SMPM female solder type (RG405U)
(gold plated)





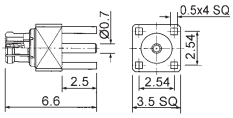
M52125
SMPM male PCB mount
(gold plated)





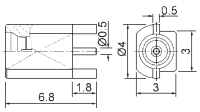
M52126
SMPM female PCB mount
(gold plated)





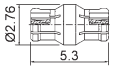
M52129
SMPM male PCB mount
(gold plated)





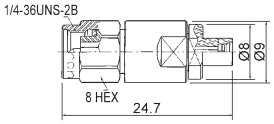
M52130
Double SMPM female
(gold plated)





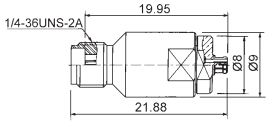
M52131
SMPM male to K male
(gold plated)





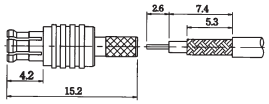
M52132
SMPM female to K female
(gold plated)





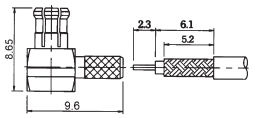
M52150
MCX male crimp type (RG174U/178U)
(gold plated)





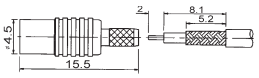
M52156
Right angle MCX male crimp type (RG174U/178U)
(gold plated)





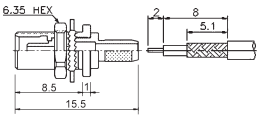
M52160
MCX female crimp type (RG174U/178U)
(gold plated)





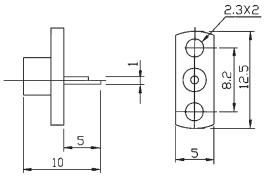
M52166
MCX female bulkhead crimp type (RG174U/178U)
(gold plated)





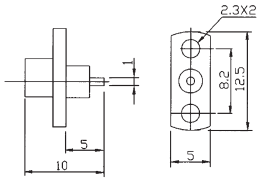
M52190
MCX female chassis mount
(gold plated)





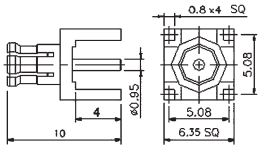
M52192
MCX female chassis mount
(gold plated)





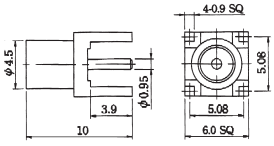
M52200
MCX male PCB mount
(gold plated)





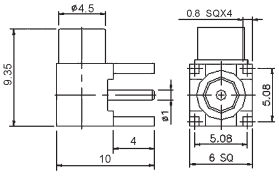
M52210
MCX female PCB mount
(gold plated)





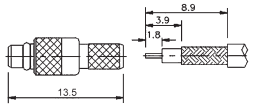
M52230
Right angle MCX female PCB mount
(gold plated)





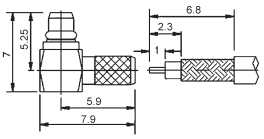
M52300
MMCX male crimp type
(RG174U/178U)
(gold plated)





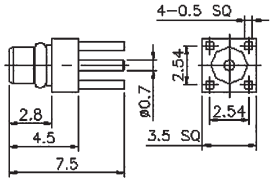
M52306
Right angle MMCX male crimp type
(RG174U/178U)
(gold plated)





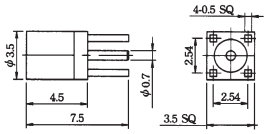
M52360
MMCX male PCB mount
(gold plated)





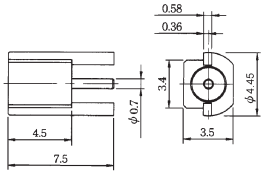
M52370
MMCX female PCB mount
(gold plated)





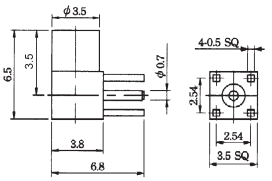
M52376
MMCX female PCB mount
(gold plated)



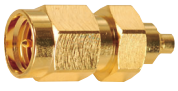


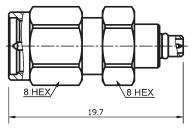
M52380
Right angle MMCX female PCB mount
(gold plated)





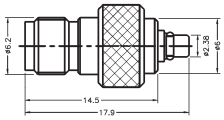
M52398
MMCX male to SMA male
(gold plated)



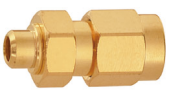


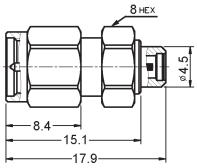
M52400
MMCX male to SMA female
(gold plated)





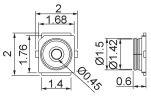
M52402
MMCX female to SMA male
(gold plated)





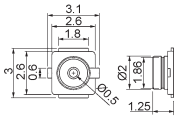
M52450
IPEX MHF female 4pad gold-pin (SMD)





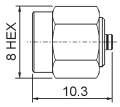
M52452
IPEX MHF female 3pad gold-pin (SMD)





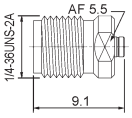
M52454
IPEX MHF female to SMA male
(gold-plated)





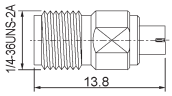
M52456
IPEX MHF female to SMA female
(gold-plated)





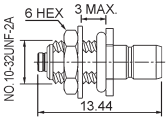
M52458
IPEX MHF male to SMA female
(gold-plated)





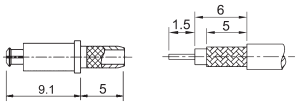
M52460
IPEX MHF female to SMB female bulkhead
(gold-plated)



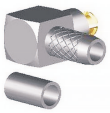


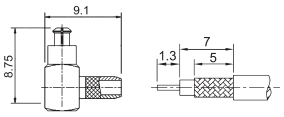
M52480
MC card male crimp type gold-pin
(RG174U/178U)





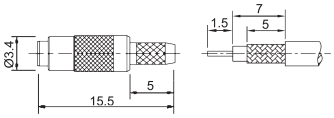
M52482
Right angle MC card male crimp type gold-pin
(RG174U/178U)



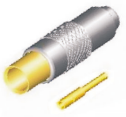


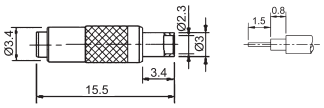
M52484
MC card female crimp type gold-pin
(RG174U/178U)





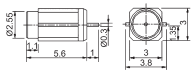
M52486
MC card female solder type
for semi-rigid cable gold-pin
(RG405U)





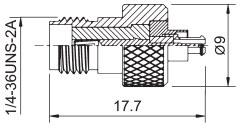
M52488
MC card female edge mount gold-pin





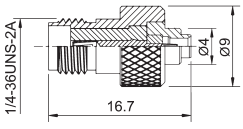
M52490
MC card male to SMA female
(gold-plated)





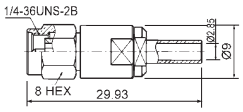
M52492
MC card female to SMA female
(gold-plated)





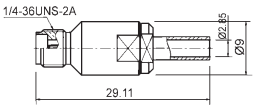
M52500
K (2.92mm) male solder type gold-pin (RG405U)
Shell : stainless steel





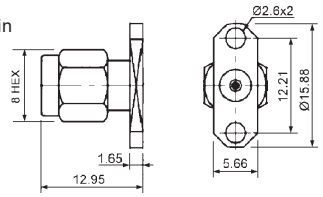
M52501
K (2.92mm) female solder type gold-pin (RG405U)
Shell : stainless steel





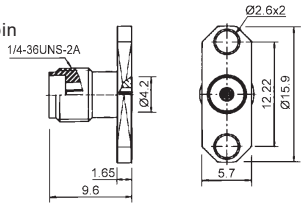
M52505
K (2.92mm) male chassis mount gold-pin
Shell : stainless steel





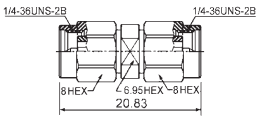
M52506
K (2.92mm) female chassis mount gold-pin
Shell : stainless steel





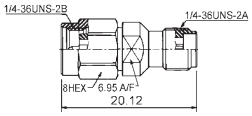
M52509
Double K (2.92mm) male gold-pin
Shell : stainless steel





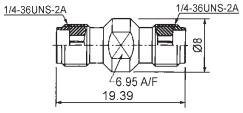
M52510
K (2.92mm) male to female gold-pin
Shell : stainless steel





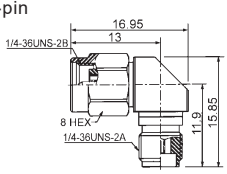
M52511
Double K (2.92mm) female gold-pin
Shell : stainless steel





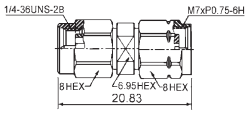
M52512
Right angle K (2.92mm) male to female gold-pin
Shell : stainless steel





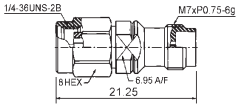
M52520
K (2.92mm) male to 1.85mm male gold-pin
Shell : stainless steel





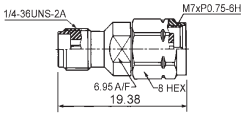
M52521
K (2.92mm) male to 1.85mm female gold-pin
Shell : stainless steel





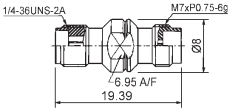
M52522
K (2.92mm) female to 1.85mm male gold-pin
Shell : stainless steel





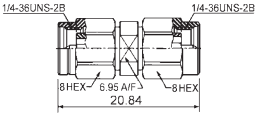
M52523
K (2.92mm) female to 1.85mm female gold-pin
Shell : stainless steel





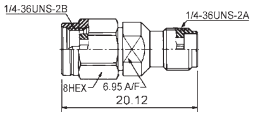
M52530
K (2.92mm) male to 3.5mm male gold-pin
Shell : stainless steel





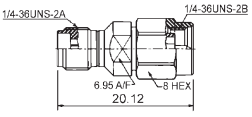
M52531
K (2.92mm) male to 3.5mm female gold-pin
Shell : stainless steel





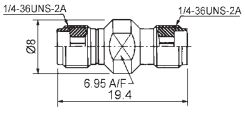
M52532
K (2.92mm) female to 3.5mm male gold-pin
Shell : stainless steel



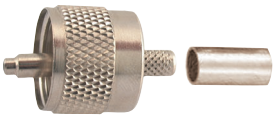


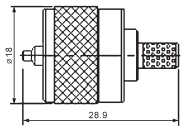
M52533
K (2.92mm) female to 3.5mm female gold-pin
Shell : stainless steel





M5500
UHF male crimp type (RG58U/59U)

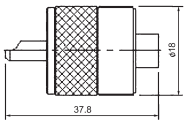




M5501
UHF male twist on type (RG58U/59U)

M5501B
UHF male twist on type
(RG58U/59U)
bakelite insulation

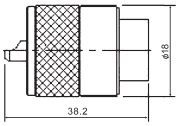




M5502
UHF male twist on type (RG8AU)

M5502B
UHF male twist on type
(RG8AU)
bakelite insulation

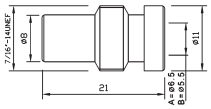




M5503A/ M5503B
Cable reducer (for M5502)

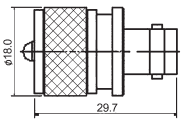
A	B
RG59U	RG58U





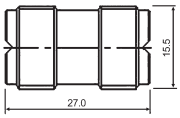
M5506
UHF male to BNC female





M5507
Double UHF female (PL-258)

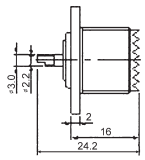




M5508
UHF female chassis mount

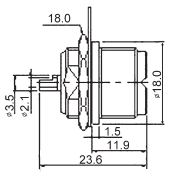
M5508B
UHF female chassis mount
bakelite insulation





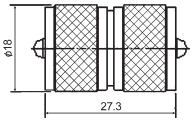
M5509
UHF female bulkhead





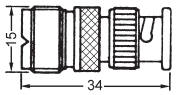
M5510
Double UHF male





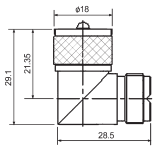
M5513
UHF female to BNC male gold-pin





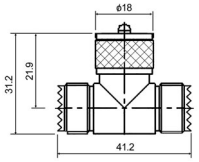
M5516
Right angle UHF male to female





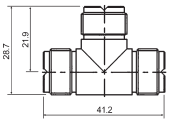
M5517
T-type UHF male to double female





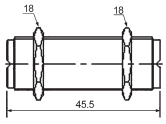
M5518
T-type triple UHF female





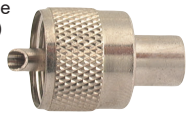
M5519
UHF double female bulkhead

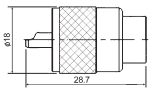




M5521
UHF male twist on type (RG58U/59U)

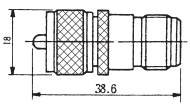
M5521B
UHF male twist on type
gold-pin (RG58U/59U)
bakelite insulation





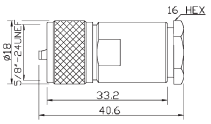
M5523
UHF male to N female





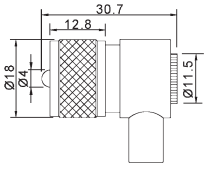
M55250
UHF male clamp type
(RG8AU/58U/59U)





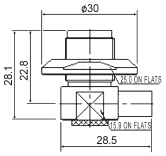
M55252
Right angle UHF male twist on type
(RG58U/59U)





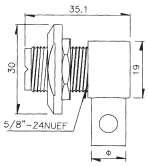
M55253
Right angle UHF female twist on type gold-pin
(RG58U/59U)





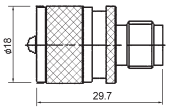
M552531
Right angle UHF female twist on type gold-pin
(W/cover)
(RG58U/59U)



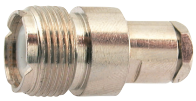


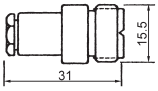
M55256
UHF male to TNC female





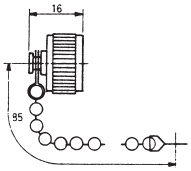
M55257
UHF female bulkhead clamp type
(RG8AU/58U/59U)





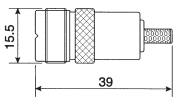
M55258
Protective cap for UHF female





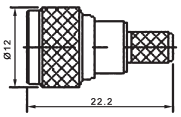
M55259
UHF female crimp type gold-pin
(RG58U/59U)





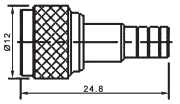
M55300
Mini UHF male crimp type gold-pin
(RG58U/59U)





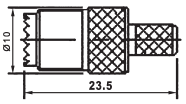
M55301
Mini UHF male crimp type gold-pin
(RG58U/59U)





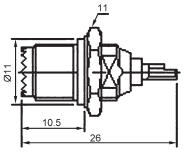
M55302
Mini UHF female crimp type gold-pin
(RG58U/59U)





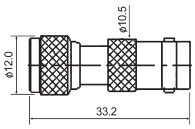
M55303
Mini UHF female bulkhead gold-pin



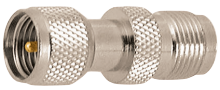


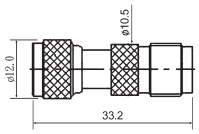
M55305
Mini UHF male to BNC female gold-pin





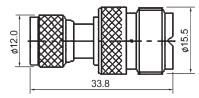
M55307
Mini UHF male to TNC female gold-pin





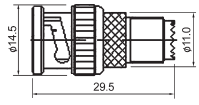
M55308
Mini UHF male to UHF female gold-pin





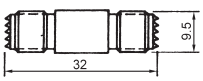
M55309
Mini UHF female to BNC male gold-pin





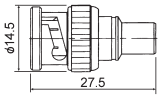
M55313
Double mini UHF female gold-pin





M5540
BNC male molded type gold-pin
(RG58U/59U)

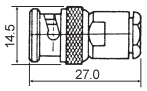




M5541
BNC male clamp type gold-pin
(RG58U/59U/6AU/8AU)

M5541T
BNC male clamp type
gold-pin
(RG58U/59U/6AU/8AU)
teflon insulation

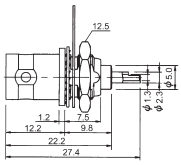




M5542
BNC female bulkhead
gold-pin

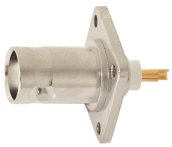
M5542T
BNC female bulkhead
gold-pin
teflon insulation

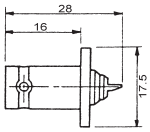




M5543
BNC female chassis mount
gold-pin

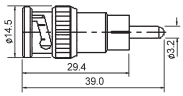
M5543T
BNC female chassis mount
gold-pin
teflon insulation





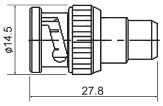
M5544
BNC male to RCA plug





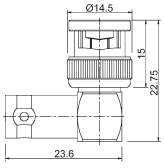
M5545
BNC male to RCA jack





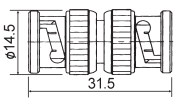
M5546
Right angle BNC male to BNC female gold-pin





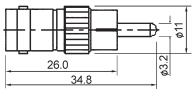
M5547
Double BNC male gold-pin





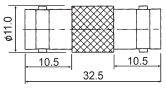
M5548
BNC female to RCA plug





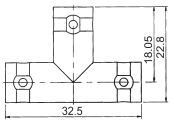
M5549
Double BNC female gold-pin





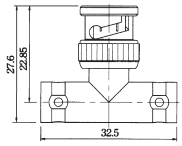
M5550
T-type triple BNC female gold-pin





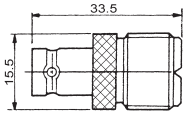
M5551
T-type BNC male to double BNC female gold-pin





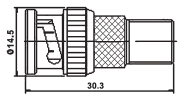
M5552
BNC female to UHF female





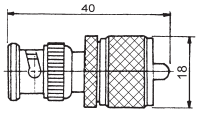
M5553
BNC male to F female gold-pin





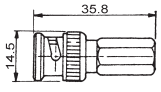
M5554
BNC male to UHF male





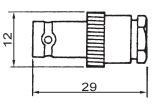
M5555
BNC male twist on type gold-pin
(RG58U/59U)





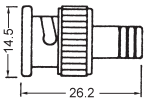
M5556
BNC female clamp type gold-pin
(RG58U/59U)



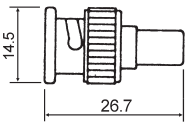


M5557
BNC male quick crimp type gold-pin
(RG58U/59U)

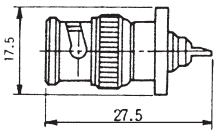




M5558
BNC male terminator gold-pin
A : 50 Ω
B : 75 Ω
C : 93 Ω

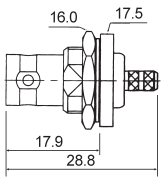



M5559
BNC male chassis mount gold-pin

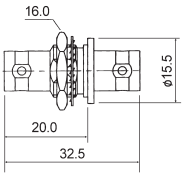



M5561
BNC female bulkhead crimp type gold-pin
(RG58U/59U/174U)

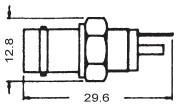
M5561T
BNC female bulkhead
crimp type gold-pin
(RG58U/59U/174U)
teflon insulation

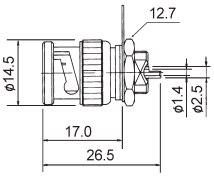
M5563
Double BNC female bulkhead gold-pin

M5565
BNC female bulkhead gold-pin

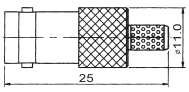



M5567
BNC male bulkhead gold-pin

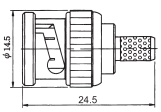
M5568
BNC female crimp type gold-pin (RG58U/59U/174U)

M5568T
BNC female crimp
type gold-pin
(RG58U/59U/174U)
teflon insulation

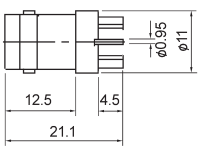



M5569
BNC male crimp type gold-pin
(RG58U/59U/174U)

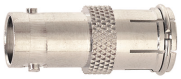
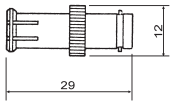
M5569T
BNC male crimp type
gold-pin
(RG58U/59U/174U)
teflon insulation

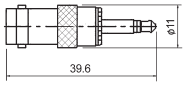
M5570T
BNC female PCB mount gold-pin
teflon insulation

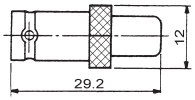
M5572
BNC female to F quick connector gold-pin

M5573
BNC female to 3.5mm plug

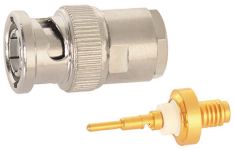
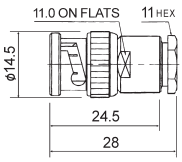



M5574
BNC female to PAL male

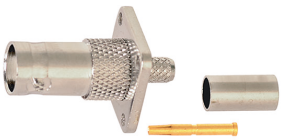
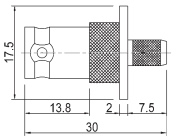



M55751
BNC male clamp type gold-pin
(RG58U/59U)

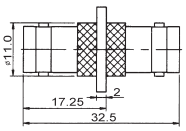
M55751T
BNC male clamp type
gold-pin
(RG58U/59U)
teflon insulation

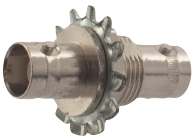
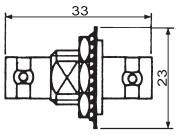
M55760
BNC female chassis mount crimp type
gold-pin
(RG58U/59U)

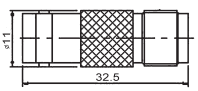
M55762
Double BNC female
chassis mount gold-pin

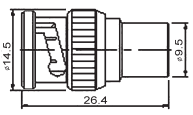
M55763
Double BNC female
gold-pin

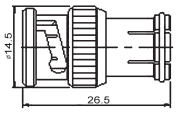
M55764
BNC female to TNC female gold-pin

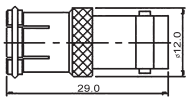
M55765
BNC male to PAL male

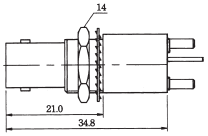
M55766
BNC male to PAL female

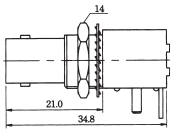
M55767
BNC female to PAL female

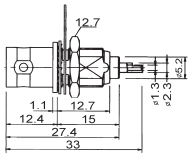
M55771
BNC female panel mount gold-pin

M55772
Right angle BNC female panel mount gold-pin

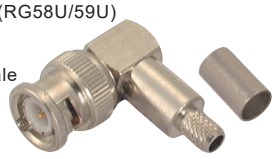
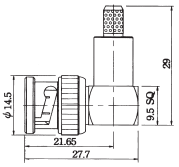



M557740
BNC female bulkhead long thread gold-pin

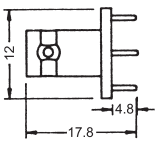



M55776
Right angle BNC male
crimp type gold-pin (RG58U/59U)

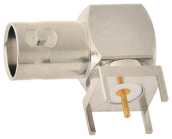
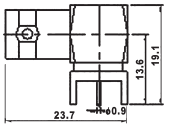
M55776T
Right angle BNC male
crimp type gold-pin
(RG58U/59U)
teflon insulation

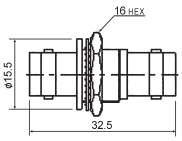
M55778
BNC female PCB mount gold-pin

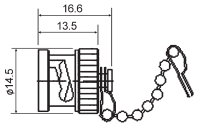
M55779
Right angle BNC female PCB mount gold-pin

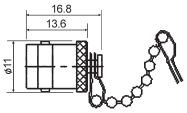
M55780
Double BNC female bulkhead gold-pin
(isolated ground)

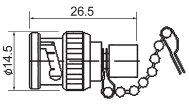
M55781
Protective cap for BNC female

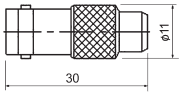
M55782
Protective cap for BNC male

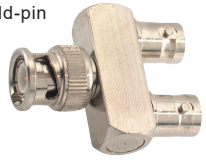
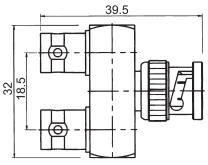
M55783
BNC male terminator gold-pin
A: 50 Ω
B: 75 Ω
C: 93 Ω

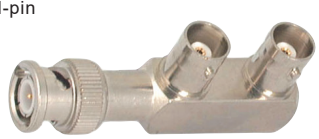
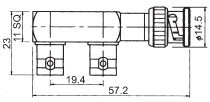
M55785
BNC female to RCA female gold-pin

M55792
BNC male to
double BNC female gold-pin

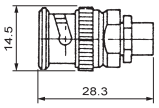



M55793
Right angle BNC male to double
BNC female gold-pin

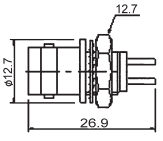
M55800
Twin BNC male crimp type gold-pin
(RG108AU)

twin

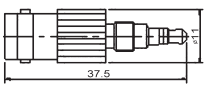



M55803
Twin BNC female bulkhead gold-pin

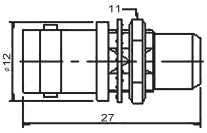
twin

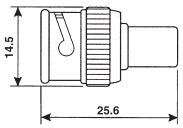
M558101
BNC female to 2.5mm plug gold-pin

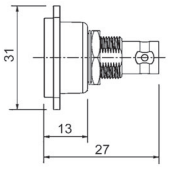
M558102
BNC female to RCA female bulkhead gold-pin

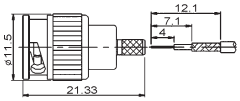
M558201
BNC male terminator 1/2W gold-pin
A:50 Ω (green)
B:75 Ω (purple)
C:93 Ω (white)

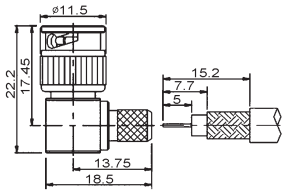
M558210
Double BNC female
chassis mount gold-pin

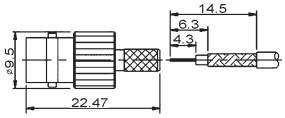
M558300
Mini BNC male crimp type gold-pin
(RG174U/179U)

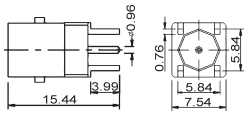
M558303
Right angle mini BNC male
crimp type gold-pin
(RG59U/179U)

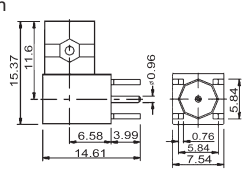
M558320
Mini BNC female crimp type gold-pin
(RG179U)

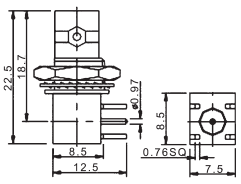
M558323
Mini BNC female PCB mount gold-pin

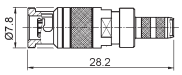
M558325
Right angle mini BNC female PCB mount gold-pin

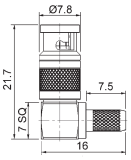
M558327
Right angle mini BNC female bulkhead
PCB mount gold-pin

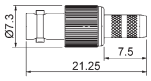
M558350S
12G-SDI BNC male crimp type gold-pin
(1855A)

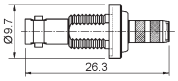
M558352S
Right angle 12G-SDI BNC male crimp type gold-pin
(1855A)

M558355S
12G-SDI BNC female crimp type gold-pin
(1855A)

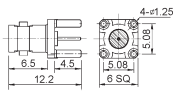
M558356S
12G-SDI BNC female bulkhead crimp type gold-pin
(1855A)

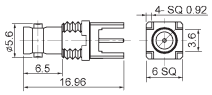
M558360
Protective cap for 12G-SDI BNC female



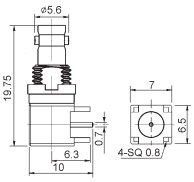

M558362
12G-SDI BNC female PCB mount
(gold plated)

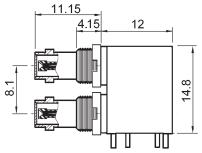
M558363
12G-SDI BNC female bulkhead PCB mount
(gold plated)

M558364
Right angle 12G-SDI BNC female bulkhead
PCB mount (gold plated)

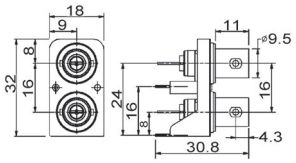



M558365
Right angle dual 12G-SDI BNC female
PCB mount gold-pin

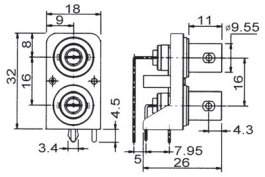
M558402
2P BNC female



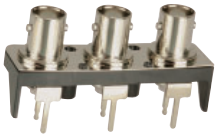


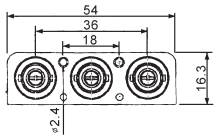
M558412
2P right angle BNC female



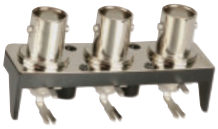


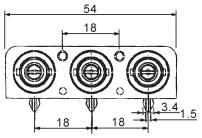
M558403
3P BNC female



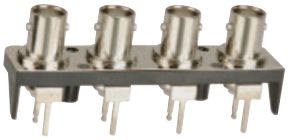


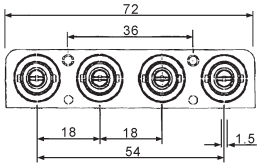
M558413
3P right angle BNC female





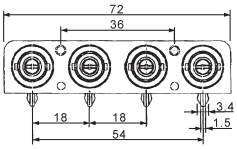
M558404
4P BNC female





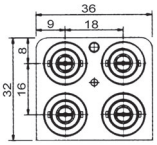
M558414
4P right angle BNC female





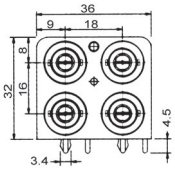
M5584044
4P BNC female





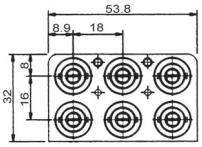
M5584144
4P right angle BNC female



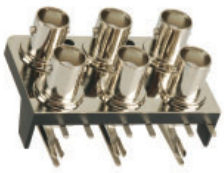


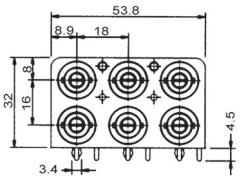
M558406
6P BNC female



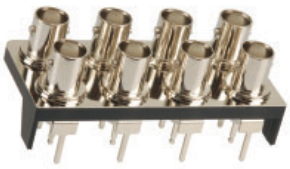


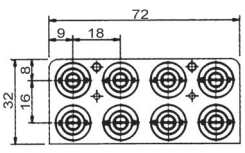
M558416
6P right angle BNC female



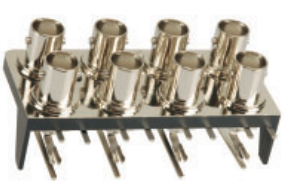


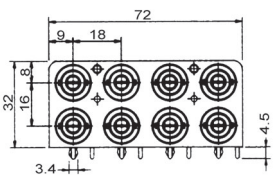
M558408
8P BNC female





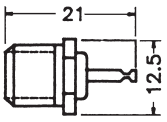
M558418
8P right angle BNC female





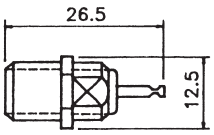
M5600
F female (C-300)





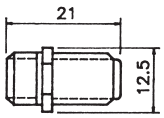
M5601
F female (F-61)





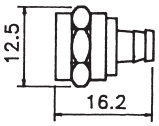
M5602
Double F female (F-81)





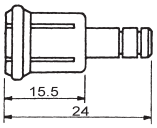
M5603
F male crimp type (RG58U/59U/5C2V/213U)





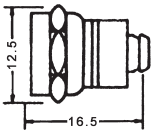
M5605
F quick male crimp type (RG58U/59U/5C2V)





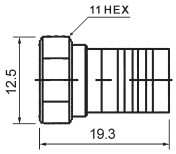
M5607
F male crimp type (RG59U/5C2V)





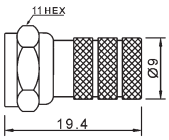
M5608
F male crimp type (RG59U/5C2V)





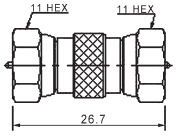
M5609
F male twist on type (RG58U/59U/5C2V)





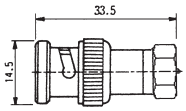
M5610
Double F male



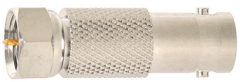


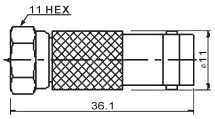
M5612
F male to BNC male gold-pin





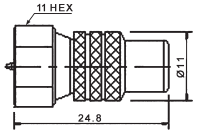
M5613
F male to BNC female gold-pin





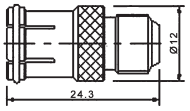
M5615
F male to RCA jack





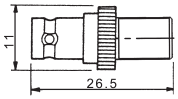
M5616
F quick male to F female





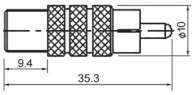
M5620
F female to BNC female gold-pin





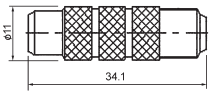
M5622
F female to RCA plug





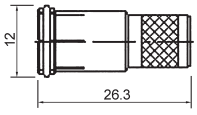
M5623
F female to RCA jack





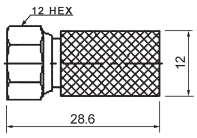
M5625
F quick male twist on type
(RG58U/59U)





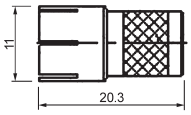
M56260
F male twist on type
(RG213U)





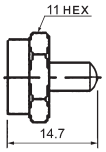
M5629
F quick male twist on type
(RG58U/59U)



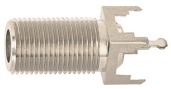


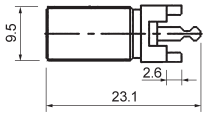
M5631
F male dummy load 75Ω terminator





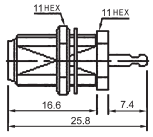
M5633
F female PCB mount





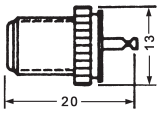
M5634
F female bulkhead





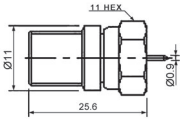
M5635
F female





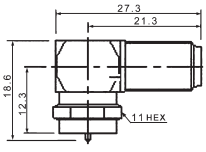
M5637
F male to F female





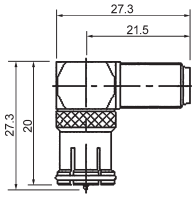
M5639
Right angle F male to F female





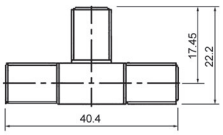
M5640
Right angle F female to
F quick male



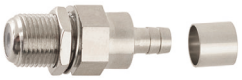


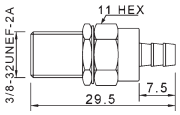
M5641
T-type triple F female





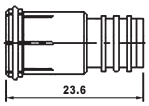
M56422
F female (RG59U/5C2V)



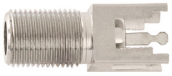


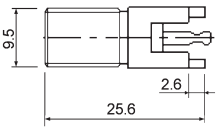
M56423
F quick male (RG59U)





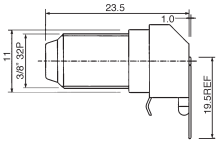
M56424
F female PCB mount



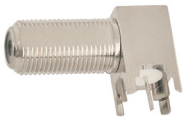


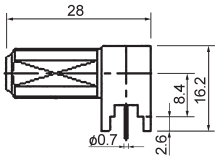
M564255
Right angle F female PCB mount





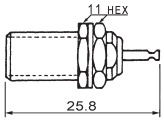
M56426
Right angle F female PCB mount





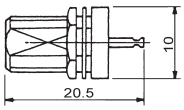
M56427
F female tin-pin (F-61)





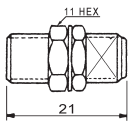
M56430
F female B type bulkhead





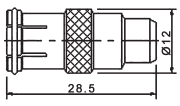
M56431
Double F female bulkhead (F-81)





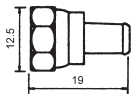
M56432
F quick male to RCA jack





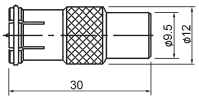
M56433
F male crimp type (RG58U)





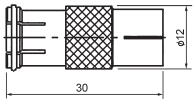
M564375
F quick male to PAL male



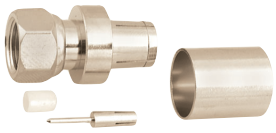


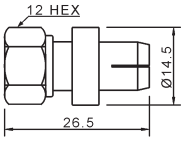
M56438
F quick male to PAL female





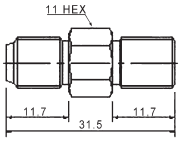
M56441
F male (RG11A/U)





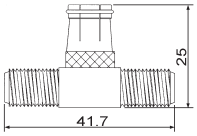
M56442
Double F female tin-pin



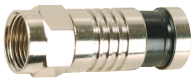


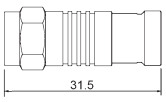
M56447
T-type F quick male to double F female tin-pin





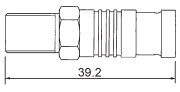
M56450
Waterproof F male compression type
(RG6U/58U/59U)





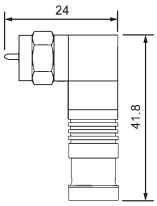
M56452
Waterproof F female compression type
(RG6U/58U/59U)





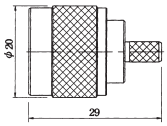
M56454
Waterproof right angle F male compression type
(RG6U/58U/59U)





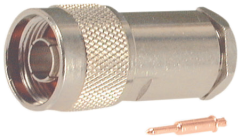
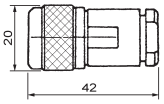
M5700
N male crimp type gold-pin (RG8AU/58U/59U/ ethernet)

M5700T
N male crimp type gold-pin (RG8AU/58U/ 59U/ethernet) teflon insulation

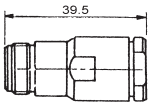
M5701
N male clamp type gold-pin (RG8AU/58U/59U)

M5701T
N male clamp type gold-pin (RG8AU/58U/59U) teflon insulation

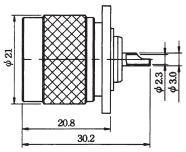



M5702
N female clamp type gold-pin (RG8AU/58U/59U)

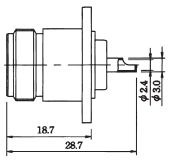
M5702T
N female clamp type gold-pin (RG8AU/58U/59U) teflon insulation

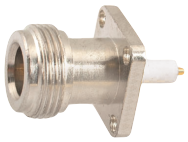
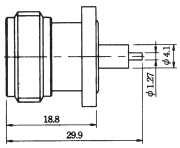
M5703
N male chassis mount

M5704
N female chassis mount

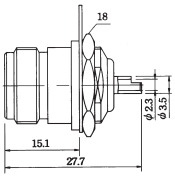



M5705
N female chassis mount gold-pin teflon insulation

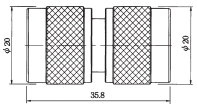



M5706
N female bulkhead gold-pin

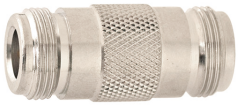
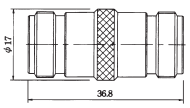
M5706T
N female bulkhead gold-pin teflon insulation

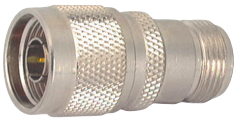
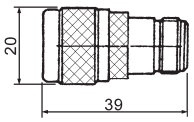
M5707
Double N male gold-pin

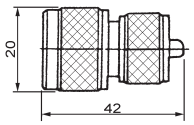
M5708
Double N female gold-pin

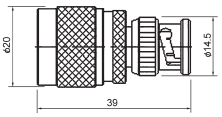
M5709
N male to N female gold-pin

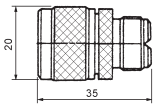
M5710
N male to UHF male

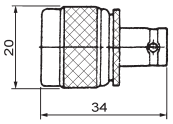
M5711
N male to BNC male gold-pin

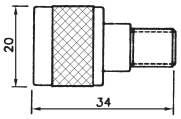
M5712
N male to UHF female gold-pin

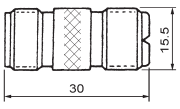
M5713
N male to BNC female gold-pin

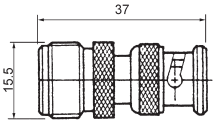
M5715
N male to F female

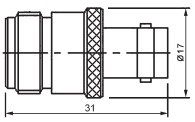
M5717
N female to UHF female

M5718
N female to BNC male gold-pin

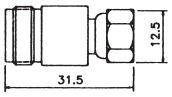



M5719
N female to BNC female

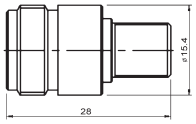
M5720
N female to F male





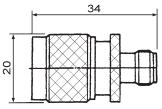
M5721
N female to F female





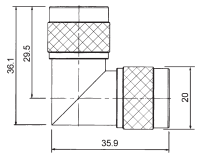
M5722
N male to TNC female gold-pin





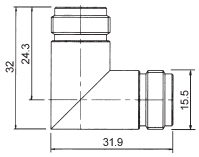
M5724
Right angle N male to
N male gold-pin





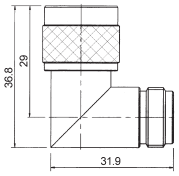
M5725
Right angle N female to
N female gold-pin





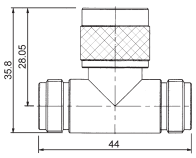
M5726
Right angle N male to
N female gold-pin





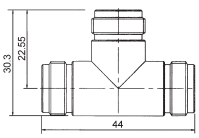
M5727
T-type N male to
double N female
gold-pin





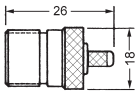
M5728
T-type triple N
female gold-pin





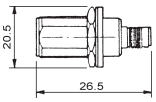
M57301
N female crimp type gold-pin
(RG58U/59U)





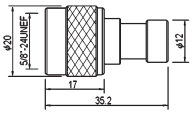
M57302
N female bulkhead crimp type gold-pin
(RG58U/59U)



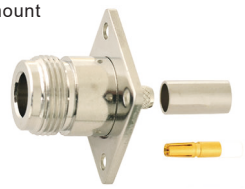


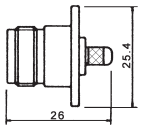
M573030
N male terminator gold-pin
A: 50 Ω





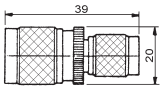
M57306
N female chassis mount
crimp type gold-pin
(RG58U/59U)





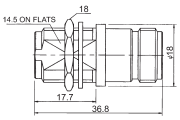
M57307
N male to TNC male gold-pin





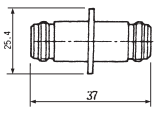
M57310
Double N female bulkhead





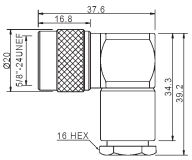
M57311
Double N female
chassis mount





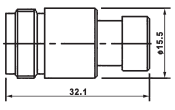
M57313
Right angle N male
clamp type gold-pin
(RG58U/59U/213U)





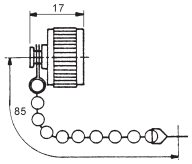
M573180
N female terminator gold-pin
A: 50 Ω
B: 75 Ω





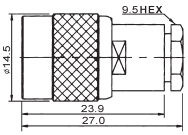
M57319
Protective cap for N
female





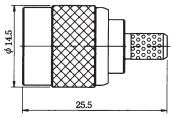
M5750
TNC male clamp type gold-pin
(RG58U/59U)





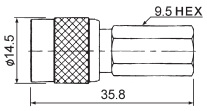
M5751
TNC male crimp type gold-pin
(RG58U/59U)





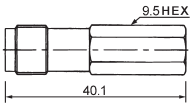
M5752
TNC male twist on type gold-pin
(RG58U/59U)





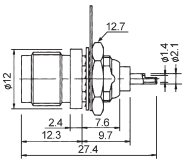
M5753
TNC female twist on type gold-pin
(RG58U/59U)



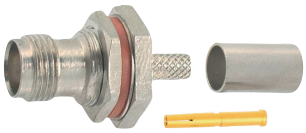


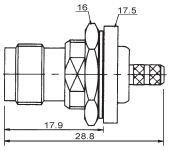
M5754
TNC female bulkhead receptacle gold-pin





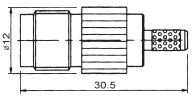
M5755
TNC female bulkhead crimp type gold-pin
(RG58U/59U)





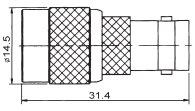
M5756
TNC female crimp type gold-pin
(RG58U/59U)





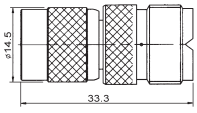
M5757
TNC male to BNC female gold-pin





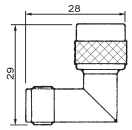
M5758
TNC male to UHF female gold-pin





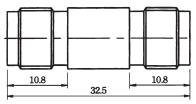
M5759
Right angle TNC male to TNC female gold-pin



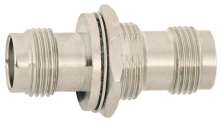


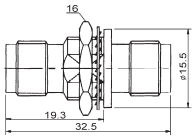
M5760
Double TNC female gold-pin





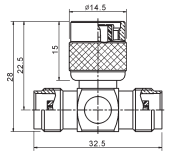
M5761
Double TNC female bulkhead gold-pin





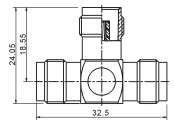
M576110
T-type TNC male to double TNC female gold-pin





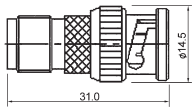
M576112
T-type triple TNC female gold-pin





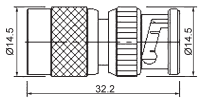
M5762
TNC female to BNC male gold-pin



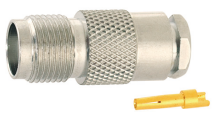


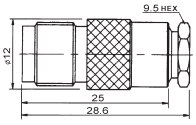
M576205
TNC male to BNC male gold-pin





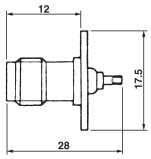
M5765
TNC female clamp type gold-pin
(RG58U/59U)





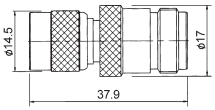
M5766
TNC female chassis mount gold-pin





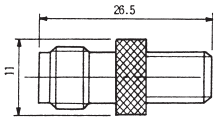
M5767
TNC male to N female gold-pin





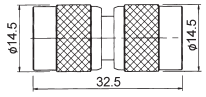
M57724
TNC female to F female gold-pin



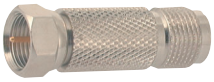


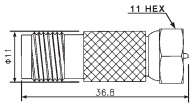
M5768
Double TNC male gold-pin





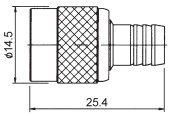
M577245
TNC female to F male gold-pin





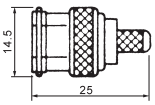
M57700
TNC male crimp type gold-pin
(RG58U/59U)





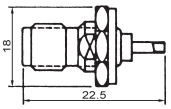
M57730
TNC male crimp type push on gold-pin
(RG58U/59U)





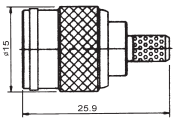
M57709
TNC female bulkhead gold-pin



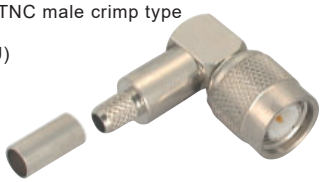


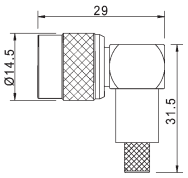
M57731
TNC male crimp type gold-pin
(RG58U/59U)





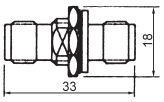
M57713
Right angle TNC male crimp type
gold-pin
(RG58U/59U)





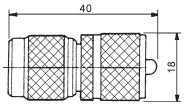
M57734
Double TNC female bulkhead gold-pin





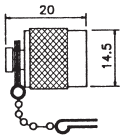
M57717
TNC male to UHF male





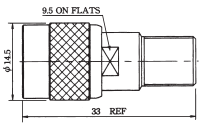
M57736
Protective cap for TNC female





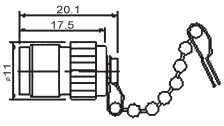
M57719
TNC male to F female gold-pin





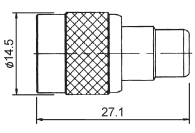
M57737
Protective cap for TNC male





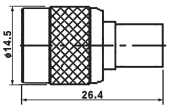
M57721
TNC male to RCA jack





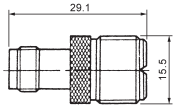
M57742
TNC male terminator gold-pin
A: 50 Ω
B: 75 Ω
C: 93 Ω





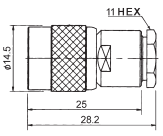
M57723
TNC female to UHF female gold-pin



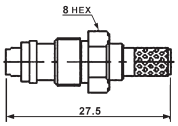


M57743
TNC male clamp type gold-pin
(RG58U/59U)

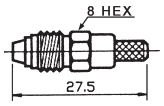




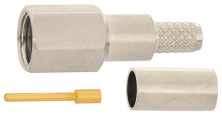
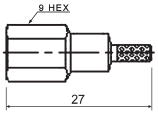
M57750
FME female crimp type gold-pin (RG58U/174U)

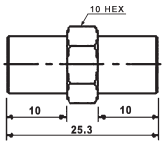
M577501
FME female crimp type gold-pin (RG58U/174U)

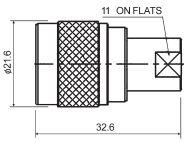
M577502
FME male crimp type gold-pin (RG58U/174U)

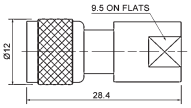
M57751
Splice male to male gold-pin

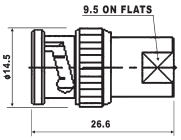
M57752
FME male to N male gold-pin

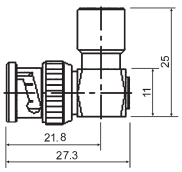
M57753
FME male to mini UHF male gold-pin

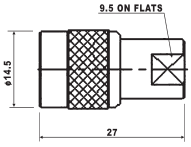
M57754
FME male to BNC male gold-pin

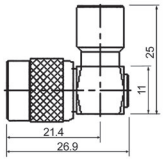
M57755
Right angle FME male to BNC male gold-pin

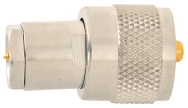
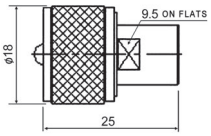
M57756
FME male to TNC male gold-pin

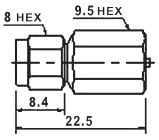
M57757
Right angle FME male to TNC male gold-pin

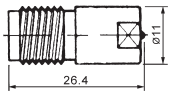
M57758
FME male to UHF male gold-pin

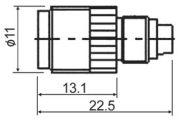
M57759
FME male to SMA male gold-pin

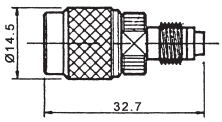
M57765
FME male to TNC female gold-pin

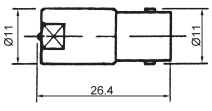
M57766
FME female to TNC female gold-pin

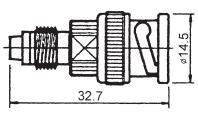
M57767
FME female to TNC male gold-pin

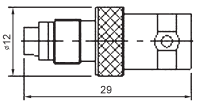
M57771
FME male to BNC female gold-pin

M57772
FME female to BNC male gold-pin

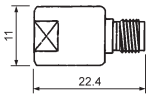



M57773
FME female to BNC female gold-pin

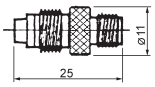
M57774
FME male to SMA female gold-pin





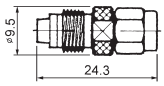
M57775
FME female to SMA female gold-pin



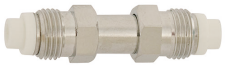


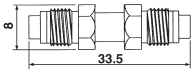
M57776
FME female to SMA male gold-pin





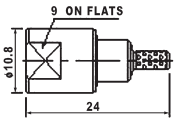
M57777
Double FME female gold-pin





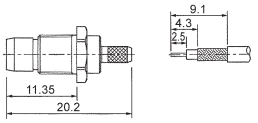
M57778
FME male crimp type gold-pin (RG58U/174U)





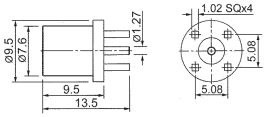
M57780
BMA male bulkhead crimp type (RG174U)
(gold plated)





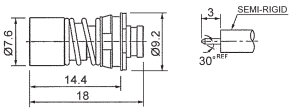
M57783
BMA female PCB mount
(gold plated)





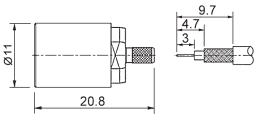
M57785
BMA female solder type
for semi-rigid cable
(RG402U)
(gold plated)





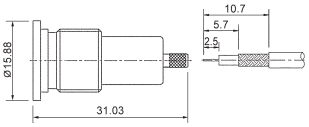
M57790
G male crimp type gold-pin (RG179U)





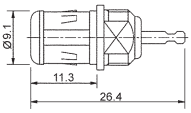
M57791
G male crimp type gold-pin (RG179U)



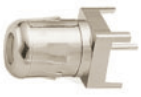


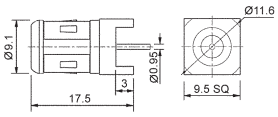
M57793
G female bulkhead





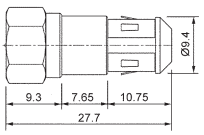
M57795
G female PCB mount





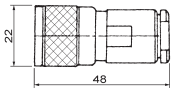
M57797
G female to F male gold-pin





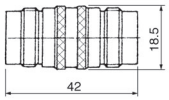
M5785
Twinaxial male clamp type gold-pin
(RG8227)





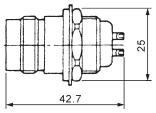
M5786
Double twinaxial female gold-pin
(TW-12)





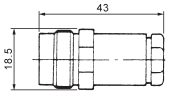
M5787
Twinaxial female rear mount bulkhead gold-pin
(TW-13)





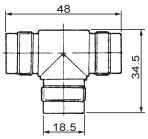
M5788
Twinaxial female clamp type gold-pin
(RG8227)





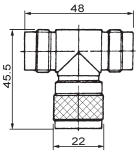
M5789
T-type triple
twinaxial female
gold-pin





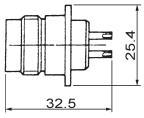
M5791
T-type twinaxial
male to double
female
gold-pin





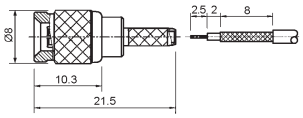
M57922
Twinaxial female
chassis mount
gold-pin





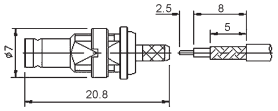
M579250
1.0/2.3 Male crimp type gold-pin
(RG174U/179U)





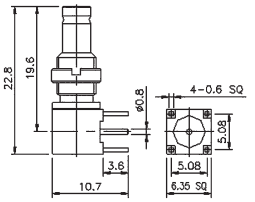
M579253
1.0/2.3 Female bulkhead crimp type (RG174U/179U)
(gold plated)





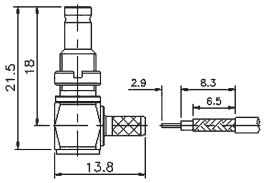
M579255
Right angle 1.0/2.3 female
PCB mount
(gold plated)





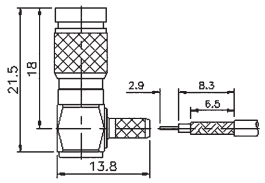
M579257
Right angle 1.0/2.3 female
crimp type gold-pin
(RG174U)





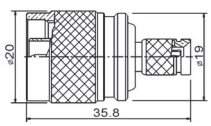
M579259
Right angle 1.0/2.3 male
crimp type gold-pin
(RG174U)





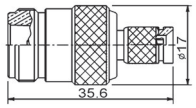
M579290
1.0/2.3 Male to N male gold-pin





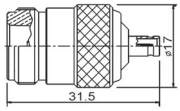
M579291
1.0/2.3 Male to N female gold-pin



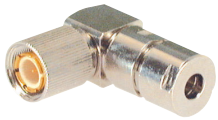


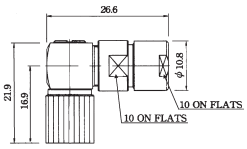
M579292
1.0/2.3 Female to N female gold-pin





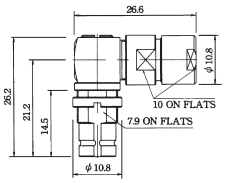
M579300
Right angle 1.6/5.6 male clamp type gold-pin
(RG179U/3C2V)





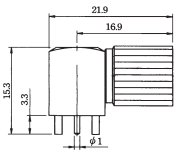
M579302
Right angle 1.6/5.6 female clamp type gold-pin
(RG179U/3C2V)





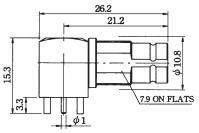
M579304
Right angle 1.6/5.6 male PCB mount gold-pin





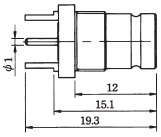
M579306
Right angle 1.6/5.6 female PCB mount gold-pin





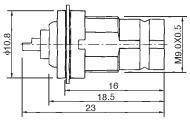
M579308
1.6/5.6 Female PCB mount
(gold plated)





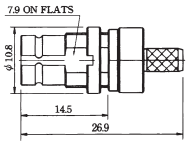
M579310
1.6/5.6 Female bulkhead
(gold plated)



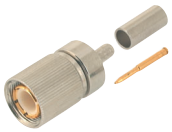


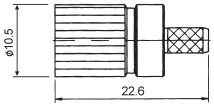
M579314
1.6/5.6 Female crimp type gold-pin
(RG179U/3C2V)





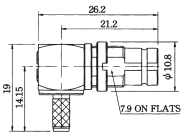
M579316
1.6/5.6 Male crimp type gold-pin
(RG179U/3C2V)





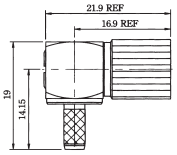
M579318
Right angle 1.6/5.6 female crimp type gold-pin
(RG179U/3C2V)





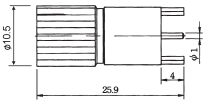
M579320
Right angle 1.6/5.6 male crimp type gold-pin
(RG179U/3C2V)





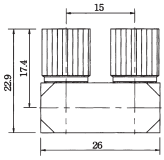
M579322
1.6/5.6 male PCB mount gold-pin



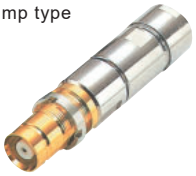


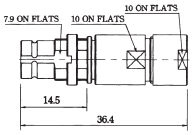
M579324
U-type 1.6/5.6 male to male gold-pin





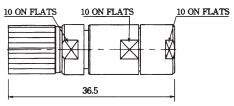
M579330
1.6/5.6 Female clamp type
gold-pin
(RG179U/3C2V)





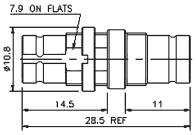
M579332
1.6/5.6 Male clamp type
gold-pin
(RG179U/3C2V)





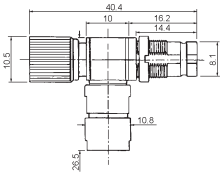
M579335
1.6/5.6 Female to female
(gold plated)



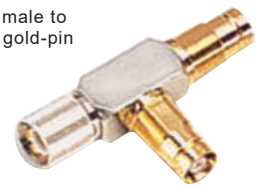


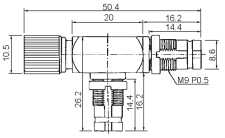
M579337
T-type 1.6/5.6 male to
female gold-pin





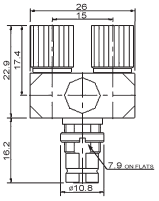
M579339
T-type 1.6/5.6 male to
double female gold-pin





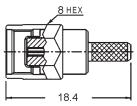
M579340
Y-type 1.6/5.6 female
to double male gold-pin





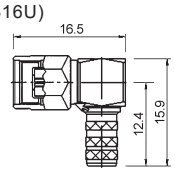
M579600
R/P SMA male crimp type (RG58U/174U/316U)
(gold plated)





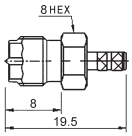
M579601
Right angle R/P SMA male crimp type (RG58U/174U/316U)
(gold plated)



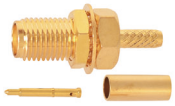


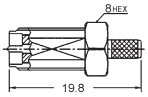
M579602
R/P SMA female crimp type (RG58U/174U/316U)
(gold plated)





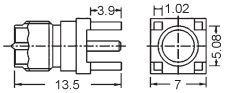
M579604
R/P SMA female bulkhead crimp type (RG58U/174U)
(gold plated)



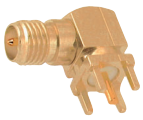


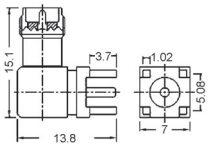
M579605
R/P SMA female PCB mount
(gold plated)



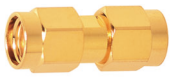


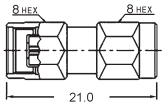
M579606
Right angle R/P SMA female PCB mount
(gold plated)





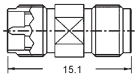
M579608
R/P SMA male to SMA male
(gold plated)





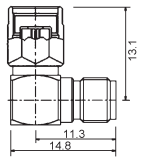
M579609
R/P SMA female to SMA female
(gold plated)





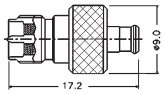
M579613
Right angle R/P SMA male to R/P SMA female
(gold plated)





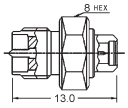
M579614
R/P SMA female to MCX male gold-pin





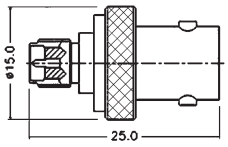
M579615
R/P SMA female to R/P MMCX female
(gold plated)





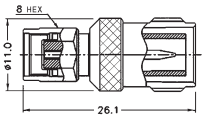
M579616
R/P SMA female to BNC female
(gold plated)





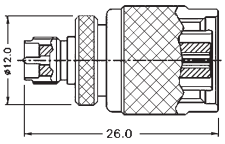
M579617
R/P SMA male to R/P TNC female gold-pin





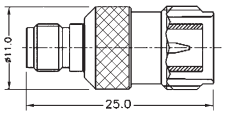
M579618
R/P SMA female to R/P TNC male gold-pin





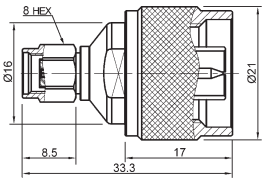
M579619
SMA female to R/P TNC female gold-pin





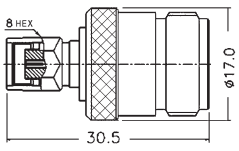
M579622
R/P SMA male to N male gold-pin



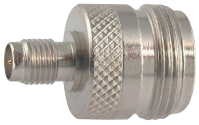


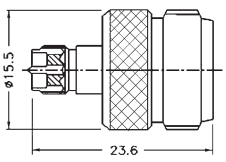
M579623
R/P SMA male to N female gold-pin



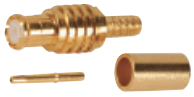


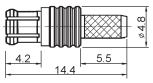
M579625
R/P SMA female to N female gold-pin





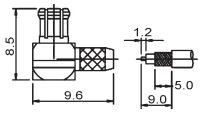
M579640
R/P MCX male crimp type (RG174U/178U)
(gold plated)





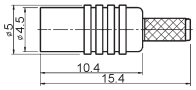
M579641
Right angle R/P MCX male crimp type (RG174U/178U)
(gold plated)





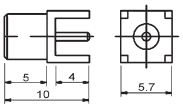
M579642
R/P MCX female crimp type (RG174U/178U)
(gold plated)





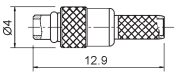
M579645
R/P MCX female PCB mount
(gold plated)





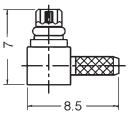
M579650
R/P MMCX male crimp type (RG174U/178U)
(gold plated)





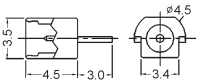
M579651
Right angle R/P MMCX male crimp type (RG174U/178U)
(gold plated)





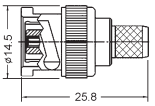
M579655
R/P MMCX female PCB mount
(gold plated)





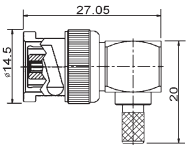
M579660
R/P BNC male crimp type gold-pin
(RG58U/174U/178U)



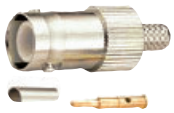


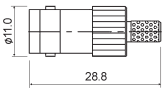
M579661
Right angle R/P BNC male crimp type gold-pin
(RG58U/174U)





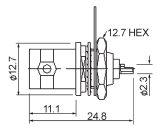
M579662
R/P BNC female crimp type gold-pin
(RG58U/174U/178U)





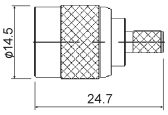
M579665
R/P BNC female bulkhead type gold-pin



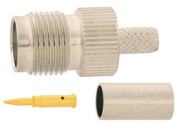


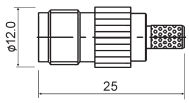
M579670
R/P TNC male crimp type gold-pin
(RG58U/174U/178U)





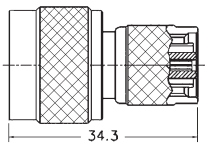
M579671
R/P TNC female crimp type gold-pin
(RG58U/174U/178U)





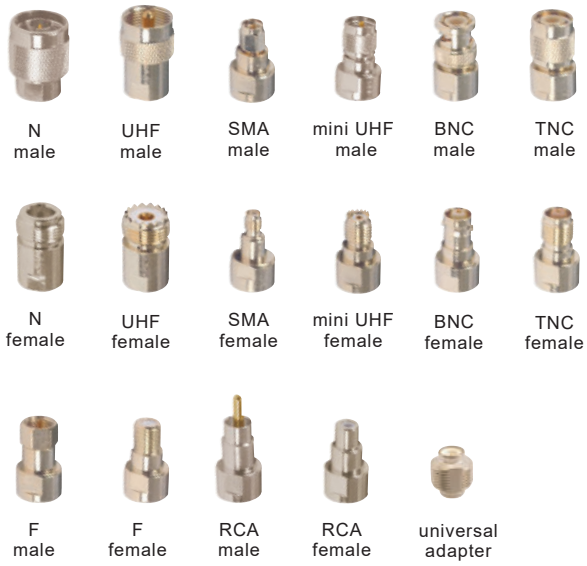
M579676
R/P TNC male to N male gold-pin





M57988
30 Pieces technician adapter kit
Including 2 pieces of each male and female
For N, UHF, SMA, mini UHF, BNC, TNC and 6 pieces of universal adapters.
(nickel plated)

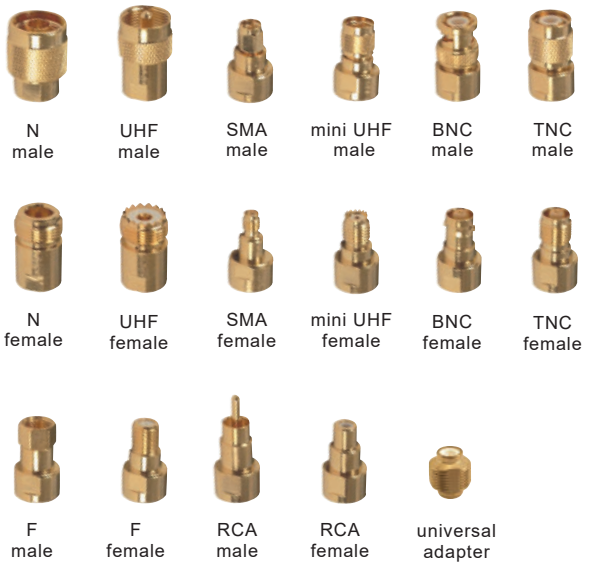
M57989
40 Pieces technician adapter kit
Including 2 pieces of each male and female
For N, UHF, SMA, mini UHF, BNC, TNC, F, RCA and 8 pieces of universal adapters.
(nickel plated)





M57990
30 Pieces technician adapter kit
Including 2 pieces of each male and female
For N, UHF, SMA, mini UHF, BNC, TNC and 6 pieces of universal adapters.
(gold plated)

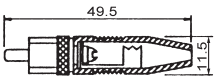
M57991
40 Pieces technician adapter kit
Including 2 pieces of each male and female
For N, UHF, SMA, mini UHF, BNC, TNC, F, RCA and 8 pieces of universal adapters. (gold plated)





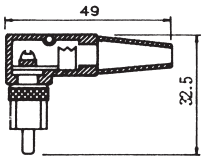
M5800
RCA plug solderless type





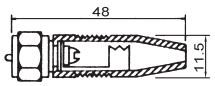
M5801A
Right angle RCA plug solderless type





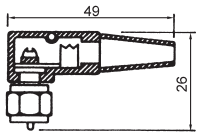
M5802
F male solderless type





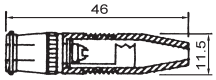
M5803A
Right angle F male solderless type





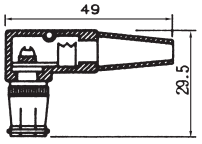
M5804
F quick male solderless type





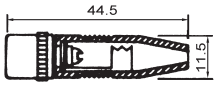
M5805A
Right angle F quick male solderless type





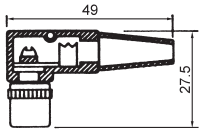
M5806
PAL male solderless type





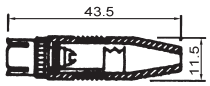
M5807A
Right angle PAL male solderless type





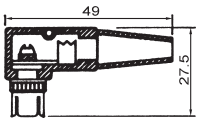
M5808
PAL female solderless type





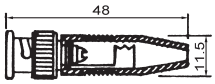
M5809A
Right angle PAL female solderless type





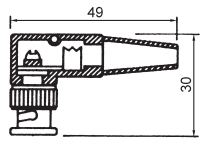
M5810
BNC male solderless type





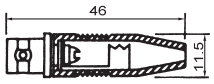
M5811A
Right angle BNC male solderless type





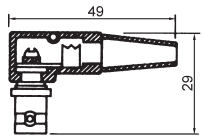
M5812
BNC female solderless type





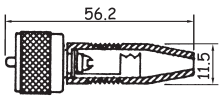
M5813A
Right angle BNC female solderless type





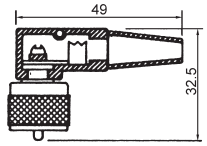
M5814
UHF male solderless type





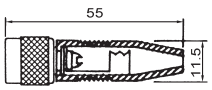
M5815A
Right angle UHF male solderless type





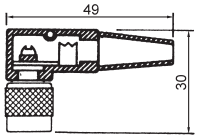
M5816
TNC male solderless type





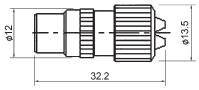
M5816A
Right angle TNC male solderless type



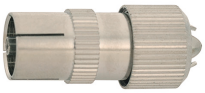


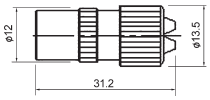
M5830
PAL plug (screw type)





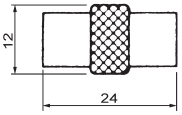
M5831
PAL jack (screw type)





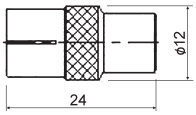
M5834
Double PAL plug





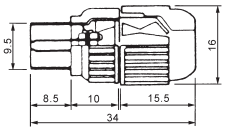
M5836
PAL plug to PAL jack





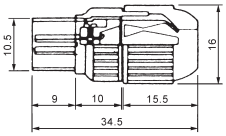
M5839
PAL plug (screw type)





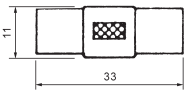
M5840
PAL jack (screw type)





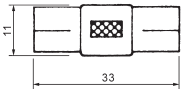
M5843
Double PAL plug





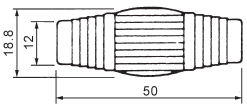
M5844
Double PAL jack



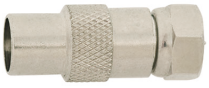


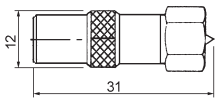
M5845
Coaxial cable jointer



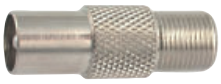


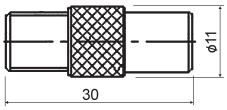
M5849
PAL plug to F male





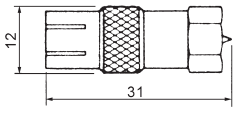
M5850
PAL plug to F female





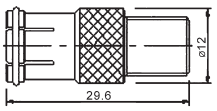
M5851
PAL jack to F male





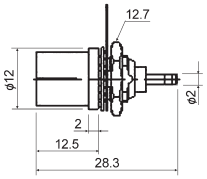
M5852
PAL jack to F female





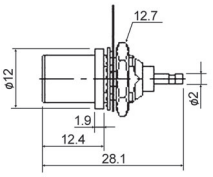
M58541
PAL jack bulkhead





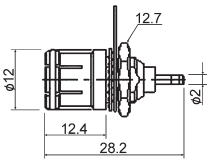
M58551
PAL plug bulkhead





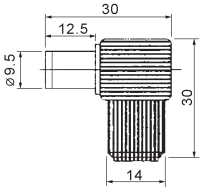
M58556
PAL jack bulkhead





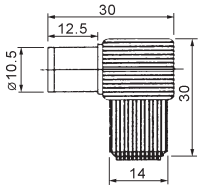
M58573
Right angle PAL plug (screw type)





M58574
Right angle PAL jack (screw type)





M586157
F male to F male RG59/U L=1.5M
M586158
F male to F male RG6/U L=1.5M



M586159
F male to PAL plug
RG59/U L=1.5M



M586161
F quick male to F quick male
RG59/U L=1.5M



M586173
BNC male to PAL jack
RG58/U L=1.5M



M586175
BNC male to RCA plug
RG58/U L=1.5M



M586177
BNC male to BNC male
RG58/U L=1.5M



M586178
BNC male to BNC female
RG58/U L=1.5M



M586183
BNC male to UHF female
RG58/U L=1.5M



M586185
BNC female to UHF male
RG58/U L=1.5M



M586190
BNC male to TNC female bulkhead
RG58/U L=1.5M



M586191
BNC female to TNC male
RG58/U L=1.5M



M586195
BNC male clamp to N male clamp RG58/U L=1.5M
M586196
BNC male clamp to N male clamp RG8A/U L=1.5M



M586197
BNC male clamp to N female clamp RG58/U L=1.5M
M586198
BNC male clamp to N female clamp RG8A/U L=1.5M



M586199
BNC female to N male
RG58/U L=1.5M



M586223
TNC male to TNC female
RG58/U L=1.5M



M586230
N male to N female
RG58/U L=1.5M



M58635xx (for **M58635** to **M58709**)
Length S:0.25M T:0.5M V:1.0M W:1.5M
Cable A:174/U B:316/U C:58C/U
SMA male to SMA male



M58636
SMA male clamp to SMA male clamp
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58638
SMA male to SMA female
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58641
SMA male to SMB male
Cable A:174/U B:316/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58642
SMA male to SMB female
Cable A:174/U B:316/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58644
SMA female to SMB female
Cable A:174/U B:316/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58665
SMA male to MCX male
Cable A:174/U B:316/U E:178/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58669
SMA male to MMCX male
Cable A:174/U B:316/U E:178/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58679
SMA male to 1.0/2.3 screw-on male
Cable A:174/U B:316/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58687
SMA male to BNC male
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58689
SMA male to BNC female
Cable C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58692
SMA female to BNC female
Cable C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58699
SMA male to TNC male
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



M58705
SMA male to N male
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



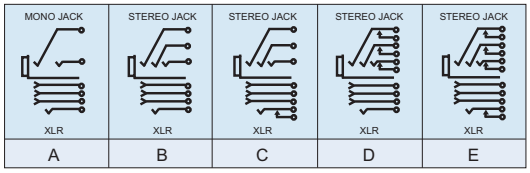
M58707
SMA male to N female
Cable C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



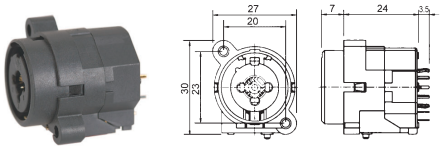
M58709
SMA female bulkhead to N male
Cable A:174/U B:316/U C:58C/U
Length S:0.25M T:0.5M V:1.0M W:1.5M



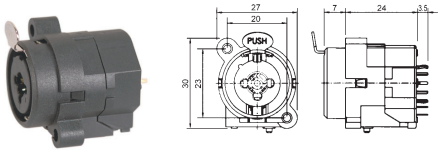
For **M58830, M58832, M58835, M58837**



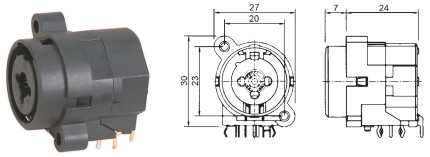
M58830
3P XLR Combo female &
1/4" jack chassis mount



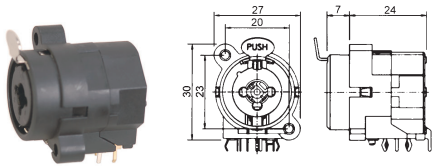
M58832
3P XLR Combo female &
1/4" jack chassis mount
W/push button



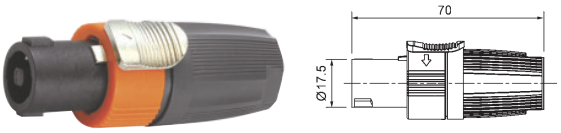
M58835
Right angle 3P XLR
Combo female & 1/4" jack
chassis mount



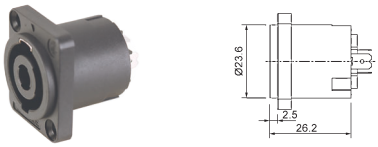
M58837
Right angle 3P XLR
Combo female & 1/4" jack
chassis mount
W/push button



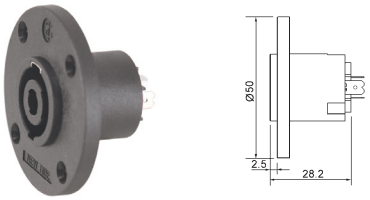
M58838
4P speaker male connector



M58839
4P speaker female connector
chassis mount



M588391
4P speaker female connector
chassis mount



M58841
Mini MIC male connector gold-pin
(B) 3P (C) 4P (D) 5P (E) 6P



M58842
Mini MIC female connector gold-pin
(B) 3P (C) 4P (D) 5P (E) 6P



M58843
Mini MIC male connector gold-pin
(B) 3P (C) 4P (D) 5P



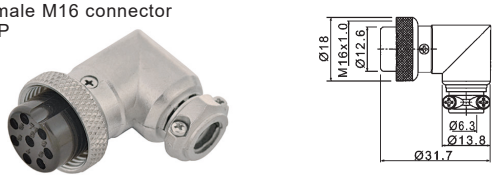
M58844
Mini MIC female connector gold-pin
(B) 3P (C) 4P (D) 5P



M5900
MIC female M16 connector
(A) 2P (B) 3P (C) 4P (D) 5P
(E) 6P (F) 7P (G) 8P



M5901
Right angle MIC female M16 connector
(A) 2P (B) 3P (C) 4P
(D) 5P (E) 6P
(F) 7P (G) 8P



M5902
MIC male M16 connector
(A) 2P (B) 3P (C) 4P (D) 5P
(E) 6P (F) 7P
(G) 8P



M590300
Right angle MIC female M16 connector
(A) 2P (B) 3P
(C) 4P (D) 5P
(E) 6P (F) 7P
(G) 8P



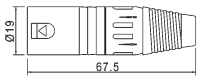
M590302
MIC male connector
(A) 2P (B) 3P (C) 4P (D) 5P (E) 6P
(F) 7P (G) 8P



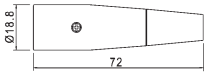
M5906 M5907 M5908 M5909 M5910 M591001 M5911 M591101
M59111 M59112 M59120 M59121 M59122 M59123 M59202 M59203



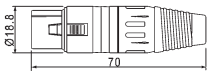
M59111
3P MIC male connector

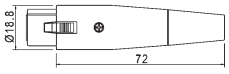
M5906
3P MIC male connector

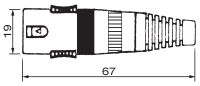
M59112
3P MIC female connector

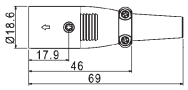
M5907
3P MIC female connector

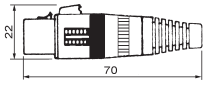
M59120
3P MIC male connector

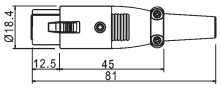
M5908
3P MIC male connector

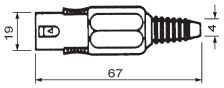
M59121
3P MIC female connector

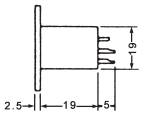
M5909
3P MIC female connector

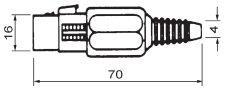
M59122
3P MIC male connector
Color: red yellow green blue

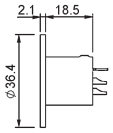
M5910
3P MIC male
connector
chassis mount

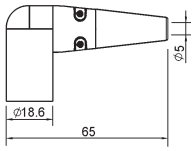
M59123
3P MIC female connector
Color: red yellow green blue

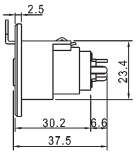
M591001
3P MIC male connector
chassis mount

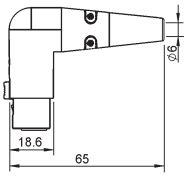
M59202
3P right angle MIC male connector

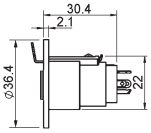
M5911
3P MIC female
connector
chassis mount

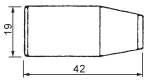
M59203
3P right angle MIC female connector

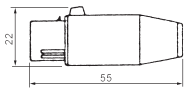
M591101
3P MIC female connector
chassis mount

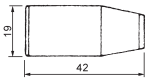
M592040
MIC 3P male to 3P mini male

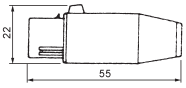
M592042
MIC 3P female to 3P mini male

M592044
MIC 3P male to 3P mini male (gold plated)

M592046
MIC 3P female to 3P mini male (gold plated)

M59205
3P MIC male to 3P MIC male



M59206
1/4" Mono jack to 3P MIC male



M59207
1/4" Mono plug to 3P MIC male



M59209
1/4" Mono jack to 3P MIC female



M59210
1/4" Mono plug to 3P MIC female



M59211
3P MIC female to 3P MIC female



M59212
RCA plug to 3P MIC male



M59213
RCA jack to 3P MIC male



M59214
RCA plug to 3P MIC female



M59215
RCA jack to 3P MIC female



M59216
1/4" Stereo plug to 3P MIC male



M59217
1/4" Stereo plug to 3P MIC female



M592171
BNC female to 3P MIC male



M592172
BNC female to 3P MIC female



M592180
3P MIC male to 3P MIC male (gold plated)



M592181
1/4" Mono jack to 3P MIC male (gold plated)



M592182
1/4" Mono plug to 3P MIC male (gold plated)



M592183
1/4" Mono jack to 3P MIC female (gold plated)



M592184
1/4" Mono plug to 3P MIC female (gold plated)



M592187
RCA jack to 3P MIC male (gold plated)



M592190
1/4" Stereo plug to 3P MIC male (gold plated)



M592191
1/4" Stereo plug to 3P MIC female (gold plated)



M592209
Microphone holder 28ø



M59222
1/4" Mono jack (50KΩ) to 3P MIC male (500Ω)



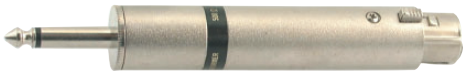
M59223
1/4" Mono plug (50KΩ) to 3P MIC male (500Ω)



M59224
3P MIC female (50KΩ) to 3P MIC male (500Ω)



M59226
1/4" Mono plug (50KΩ) to 3P MIC female (500Ω)



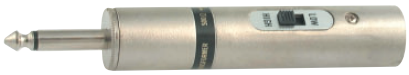
M59231
3P MIC male (SW L600/H50KΩ) to 3P MIC male (500Ω)



M59232
1/4" Mono jack (SW L600/H50KΩ) to 3P MIC male (500Ω)



M59233
1/4" Mono plug (SW L600/H50KΩ) to 3P MIC male (500Ω)



M59234
3P MIC female (SW L600/H50KΩ) to 3P MIC male (500Ω)



M59236
1/4" Mono plug (SW L600/H50KΩ) to 3P MIC female (500Ω)



M59400 M59401



B

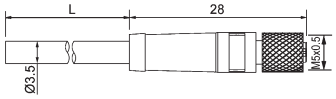
M59405 M59406 M59407 M59408



A B

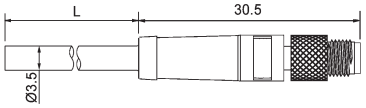
M59400
Waterproof female M5 connector
Pin : (B)4P 360˚
Length : (A)1M (C)3M (E)5M
1A60V
can reach to IP65





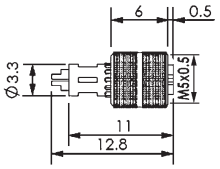
M59401
Waterproof male M5 connector
Pin : (B)4P 360˚
Length : (A)1M (C)3M (E)5M
1A60V
can reach to IP65





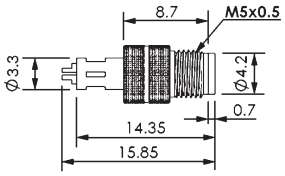
M59405
Waterproof female M5 connector molded type
Pin : (A)3P (B)4P 360˚
1A60V
can reach to IP67





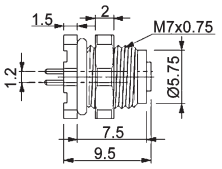
M59406
Waterproof male M5 connector molded type
Pin : (A)3P (B)4P 360˚
1A60V
can reach to IP67





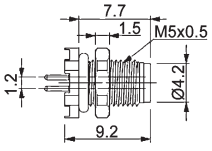
M59407
Waterproof female M5 connector
Pin : (A)3P (B)4P 360˚
1A60V
can reach to IP67



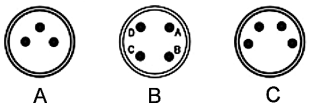


M59408
Waterproof male M5 connector
Pin : (A)3P (B)4P 360˚
1A60V
can reach to IP67



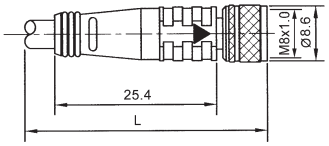


M59420 M59421 M59423 M59426



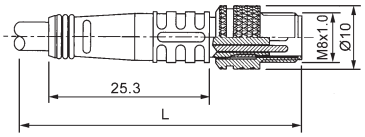
M59420
Waterproof female M8 connector
Pin : (A)3P (B)4P 360˚ (C)4P 180˚
Length : (A)1M (C)3M (E)5M
1A100V
can reach to IP67





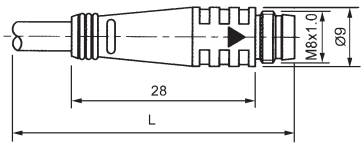
M59421
Waterproof male M8 connector
Pin : (A)3P (B)4P 360˚ (C)4P 180˚
Length : (A)1M (C)3M (E)5M
1A100V
can reach to IP67





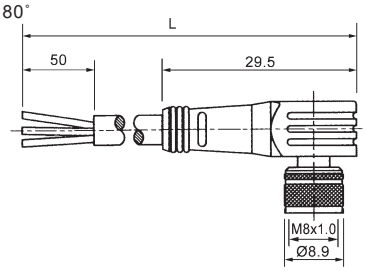
M59423
Waterproof male M8 connector
Pin : (A)3P (B)4P 360˚ (C)4P 180˚
Length : (A)1M (C)3M (E)5M
1A100V
can reach to IP67



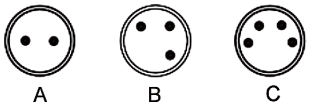


M59426
Right angle waterproof female M8 connector
Pin : (A)3P (B)4P 360˚ (C)4P 180˚
Length : (A)1M (C)3M (E)5M
1A100V
can reach to IP67



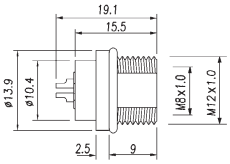


M594280 M594281 M594285 M594286



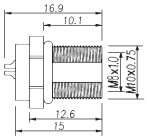
M594280
Waterproof female M8 connector
(A)2P (B)3P (C)4P 180˚
4A60V
can reach to IP67





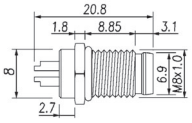
M594281
Waterproof female M8 connector
(A)2P (B)3P (C)4P 180˚
4A60V
can reach to IP67





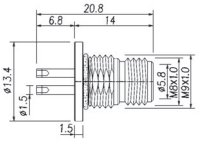
M594285
Waterproof male M8 connector
(A)2P (B)3P (C)4P 180˚
4A60V
can reach to IP67





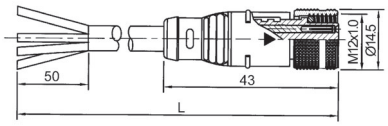
M594286
Waterproof male M8 connector
(A)2P (B)3P (C)4P 180˚
4A60V
can reach to IP67



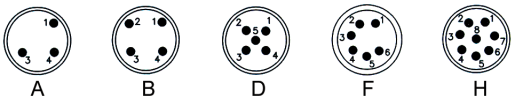


M59430
Waterproof female M12 connector
Pin : (A)3P (B)4P (D)5P (F)6P (H)8P
Length : (A)1M (C)3M (E)5M
3A125V
can reach to IP67

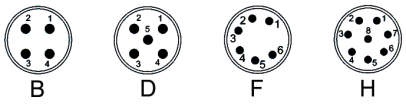




M59430 M59431 M59434 M59435 M59440 M59441 M59444 M59445 M59446

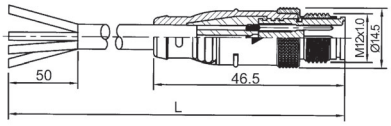


M59438 M59439



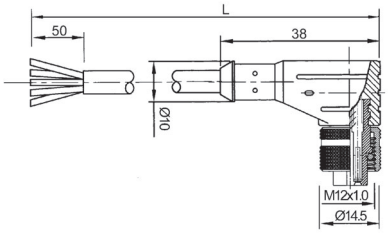
M59431
Waterproof male M12 connector
Pin : (A)3P (B)4P (D)5P (F)6P (H)8P
Length : (A)1M (C)3M (E)5M
3A125V
can reach to IP67





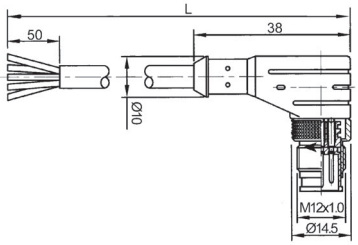
M59434
Right angle waterproof female M12 connector
Pin : (A)3P (B)4P (D)5P (F)6P (H)8P
Length : (A)1M (C)3M (E)5M
3A125V
can reach to IP67





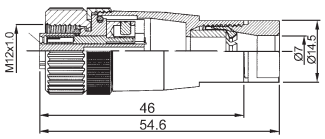
M59435
Right angle waterproof male M12 connector
Pin : (A)3P (B)4P (D)5P (F)6P (H)8P
Length : (A)1M (C)3M (E)5M
3A125V
can reach to IP67





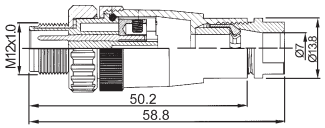
M59438
Waterproof female M12 connector
(B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





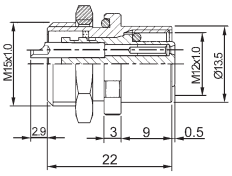
M59439
Waterproof male M12 connector
(B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





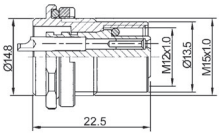
M59440
Waterproof female M12 connector
(A)3P (B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





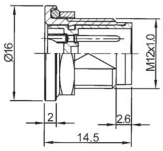
M59441
Waterproof female M12 connector
(A)3P (B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





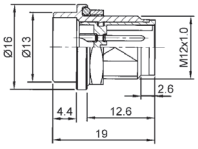
M59444
Waterproof male M12 connector
(A)3P (B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





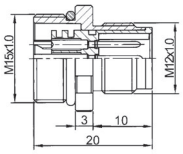
M59445
Waterproof male M12 connector
(A)3P (B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





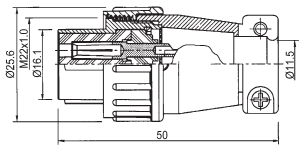
M59446
Waterproof male M12 connector
(A)3P (B)4P (D)5P (F)6P (H)8P
3A125V
can reach to IP67





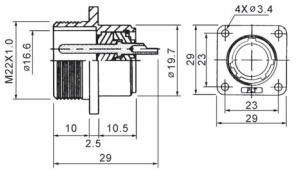
M595711A /B /C /F
Circular female M22 connector
(A)2P(B)3P-15A250V
(C)4P(F)7P-10A250V





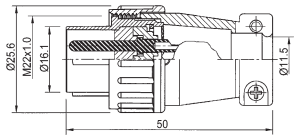
M595713A /B /C /F
Circular male M22 connector
(A)2P(B)3P-15A250V
(C)4P(F)7P-10A250V





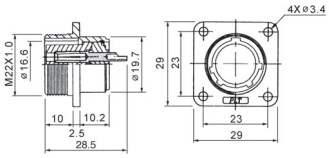
M595715A /B /C /F
Circular male M22 connector
(A)2P(B)3P-15A250V
(C)4P(F)7P-10A250V





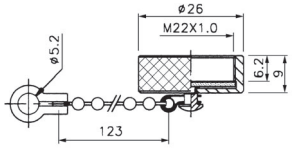
M595717A /B /C /F
Circular female M22 connector
(A)2P(B)3P-15A250V
(C)4P(F)7P-10A250V





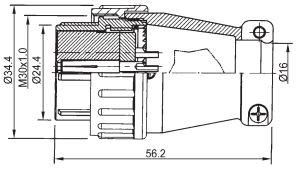
M595718
Protective cap for circular M22 connector
(for M595713 M595717)





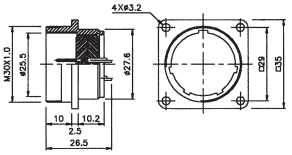
M595721K /P /Q /T /Z
Circular female M30 connector
(K)12P(P)16P(Q)17P-10A250V
(T)20P(Z)26P-5A250V





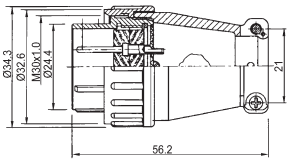
M595723K /P /Q /T /Z
Circular male M30 connector
(K)12P(P)16P(Q)17P-10A250V
(T)20P(Z)26P-5A250V





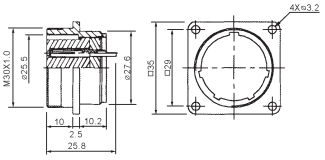
M595725K /P /Q /T /Z
Circular male M30 connector
(K)12P(P)16P(Q)17P-10A250V
(T)20P(Z)26P-5A250V





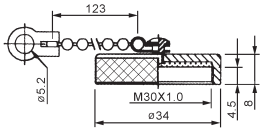
M595727K /P /Q /T /Z
Circular female M30 connector
(K)12P(P)16P(Q)17P-10A250V
(T)20P(Z)26P-5A250V





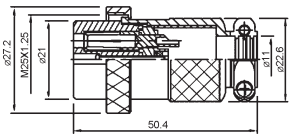
M595728
Protective cap for M30 circular connector
(for M595723 M595727)





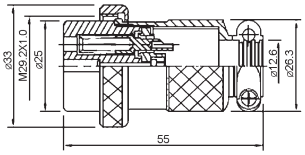
M595731A /B /C /D /E
Circular female M25 connector
(A)2P(B)3P(C)4P(D)5P(E)6P
10A250V





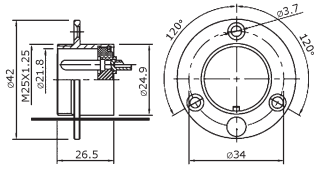
M595741A /B /C /D /F /G
Circular female M30 connector
(A)2P(B)3P(C)4P(D)5P(F)7P-15A250V
(G)8P-5A250V





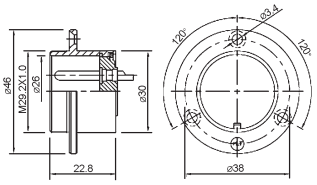
M595733A /B /C /D /E
Circular male M25 connector
(A)2P(B)3P(C)4P(D)5P(E)6P
10A250V





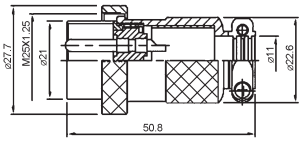
M595743A /B /C /D /F /G
Circular male M30 connector
(A)2P(B)3P(C)4P(D)5P(F)7P-15A250V
(G)8P-5A250V





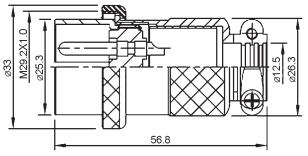
M595735A /B /C /D /E
Circular male M25 connector
(A)2P(B)3P(C)4P(D)5P(E)6P
10A250V





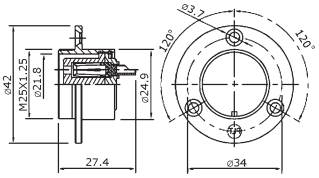
M595745A /B /C /D /F /G
Circular male M30 connector
(A)2P(B)3P(C)4P(D)5P(F)7P-15A250V
(G)8P-5A250V





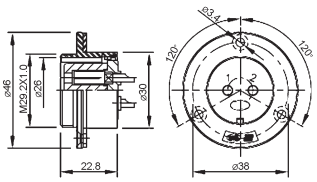
M595737A /B /C /D /E
Circular female M25 connector
(A)2P(B)3P(C)4P(D)5P(E)6P
10A250V





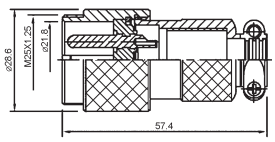
M595747A /B /C /D /F /G
Circular female M30 connector
(A)2P(B)3P(C)4P(D)5P(F)7P-15A250V
(G)8P-5A250V





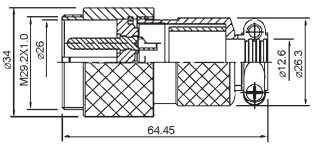
M595738A /B /C /D /E
Circular male M25 connector
(A)2P(B)3P(C)4P(D)5P(E)6P
10A250V





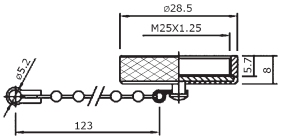
M595748A /B /C /D /F /G
Circular male M30 connector
(A)2P(B)3P(C)4P(D)5P(F)7P-15A250V
(G)8P-5A250V





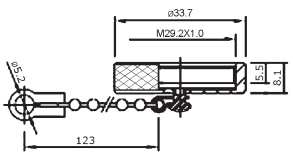
M595739
Protective cap for circular M25 connector
(for M595733 M595737 M595738)





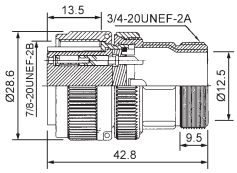
M595749
Protective cap for M30 circular connector
(for M595743 M595747 M595748)





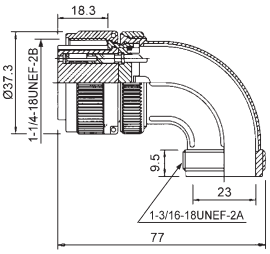
M595811C
Circular female 7/8-20UNEF-2B connector
(C)4P





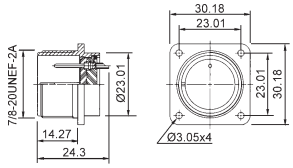
M595821C
Circular female 1-1/4-18UNEF-2B connector
(C)4P





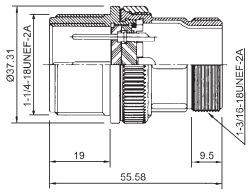
M595813C
Circular male 7/8-20UNEF-2A connector
(C)4P





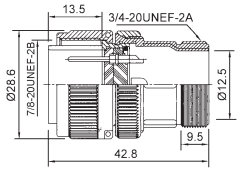
M595823C
Circular male 1-1/4-18UNEF-2A connector
(C)4P





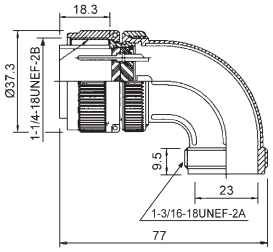
M595815C
Circular male 7/8-20UNEF-2B connector
(C)4P





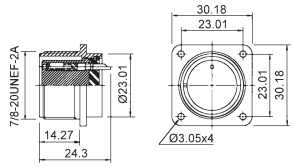
M595825C
Circular male 1-1/4-18UNEF-2B connector
(C)4P





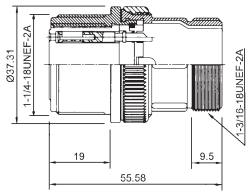
M595817C
Circular female 7/8-20UNEF-2A connector
(C)4P





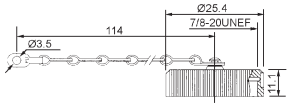
M595827C
Circular female 1-1/4-18UNEF-2A connector
(C)4P





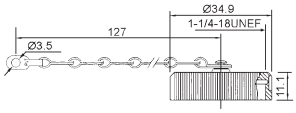
M595819
Protective cap for circular 7/8-20UNEF connector
(for M595813 M595817)





M595829
Protective cap for circular 1-1/4-18UNEF connector
(for M595823 M595827)

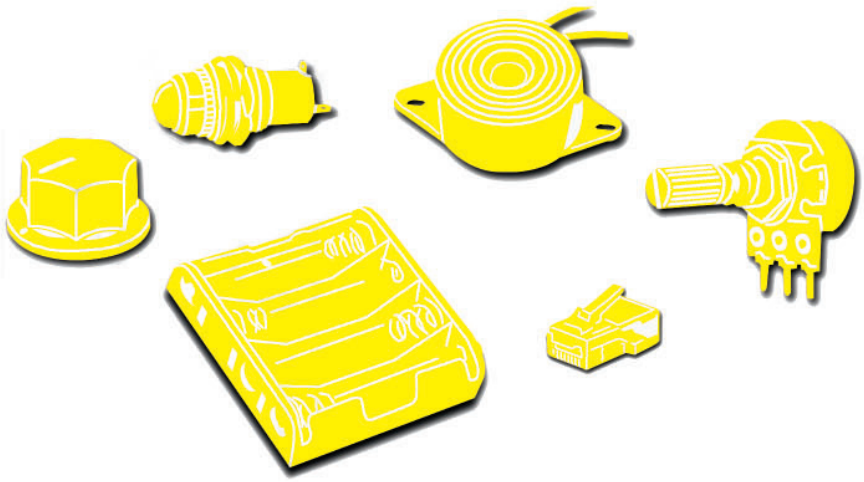




P.R.S.W.X

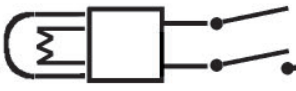
SHALLIN COMPONENTS

Battery . VR . Light . Knob
Buzzer . Tel. Accessories



Automotive Connectors / Battery Modular Connectors /
AC Charging Connector & Socket /Battery Holder /
Circuit & Motor Protector / Thermostat / Relay / Relay Socket /
Variable Resistor / Membrane Sensor / Rotary Encoder /
Neon Indicator Light / LED / LCD Module / Knob / Buzzer /
Siren / Emergency Equipments / Inspection Lights / Floodlights /
Terminal Block / Telephone Accessories /
Power over Ethernet (PoE) Equipments

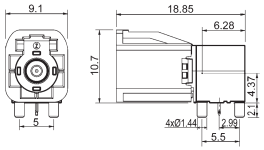




N596000
Right angle mini FAKRA plug type A

Color :
black white
green blue
violet brown
grey light-pink
beige curry
waterblue

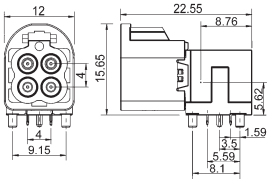




N596002
Right angle mini FAKRA plug type A

Color :
black white
green blue
violet brown
waterblue

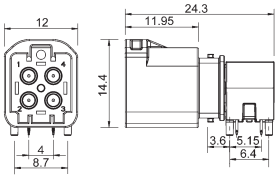




N596004
Right angle mini FAKRA plug type B

Color :
black white
green blue
violet brown
waterblue

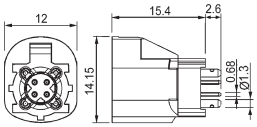




N596006
FAKRA HSD plug

Color :
black white
green blue
brown
bordeaux
waterblue

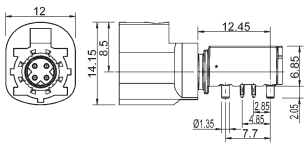




N596008
Right angle FAKRA HSD plug

Color :
black white
green blue
brown
bordeaux
waterblue

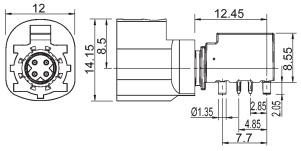




N596010
Right angle FAKRA HSD plug

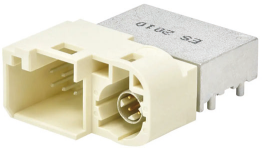
Color :
black white
green blue
brown
bordeaux
waterblue

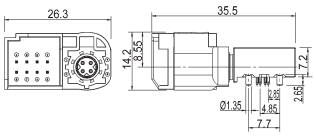




N596012
Right angle FAKRA HSD plug W/8P MQS housing

Color :
black violet
natural
light-blue
waterblue

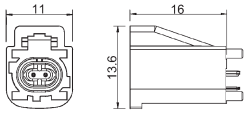




N596030
H-CMTD plug 2 signal pins

Color :
black white
green blue
violet brown
grey light-pink
beige curry
waterblue

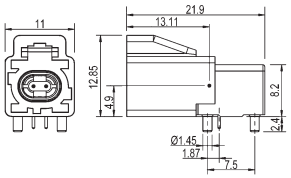




N596032
Right angle H-CMTD plug 2 signal pins

Color :
black white
green blue
violet brown
grey light-pink
beige curry
waterblue

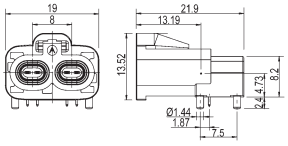




N596034
Right angle H-CMTD plug 2x2 signal pins

Color :
black white
green blue
violet brown
grey light-pink
beige curry
waterblue

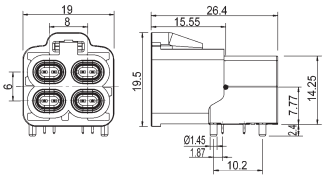




N596036
Right angle H-CMTD plug 4x2 signal pins

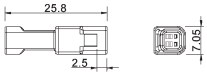
Color :
black white
green blue
violet brown
grey light-pink
beige curry
waterblue





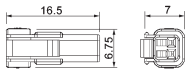
N60002
2mm Sealed JWPF series wire to wire connector
plug 2P





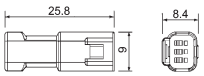
N60002R
2mm Sealed JWPF series wire to wire connector
receptacle 2P





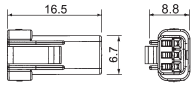
N60003
2mm Sealed JWPF series wire to wire connector
plug 3P





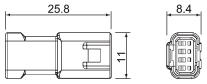
N60003R
2mm Sealed JWPF series wire to wire connector
receptacle 3P





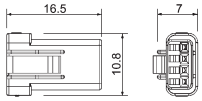
N60004
2mm Sealed JWPF series wire to wire connector
plug 4P





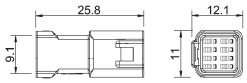
N60004R
2mm Sealed JWPF series wire to wire connector
receptacle 4P





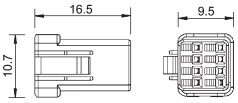
N60008
2mm Sealed JWPF series wire to wire connector
plug 8P





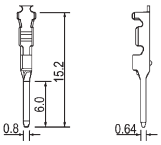
N60008R
2mm Sealed JWPF series wire to wire connector
receptacle 8P





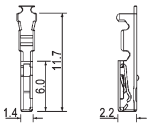
N600PT
JWPF series terminal 26-22AWG
(8K/reel)





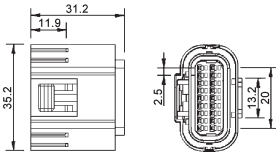
N600RT
JWPF series terminal 26-22AWG
(8K/reel)





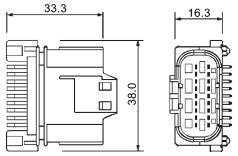
N60118R
2.5mm Sealed MX23A series connector receptacle 18P





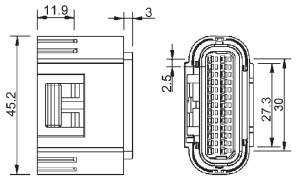
N60118
2.5mm Sealed MX23A series connector header 18P (right angle)



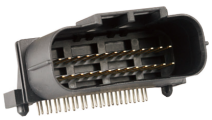


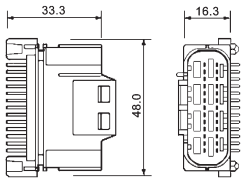
N60126R
2.5mm Sealed MX23A series connector receptacle 26P





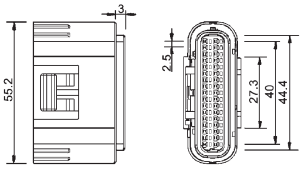
N60126
2.5mm Sealed MX23A series connector header 26P (right angle)



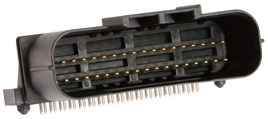


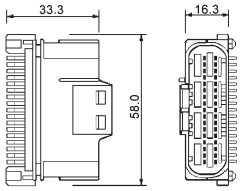
N60134R
2.5mm Sealed MX23A series connector receptacle 34P





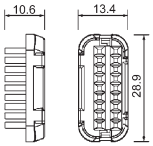
N60134
2.5mm Sealed MX23A series connector header 34P (right angle)





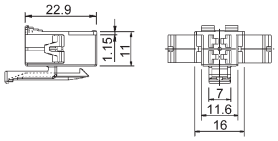
N60118RC
MX23A series front cap 18P





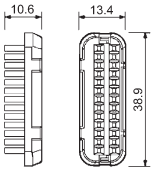
N60204R
5mm Junior power timer series connector receptacle 4P



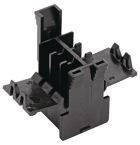


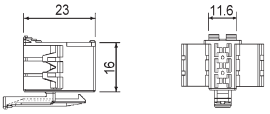
N60126RC
MX23A series front cap 26P





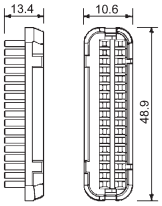
N60206R
5mm Junior power timer series connector receptacle 6P



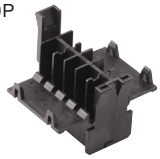


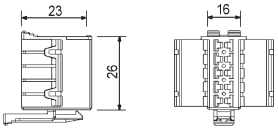
N60134RC
MX23A series front cap 34P





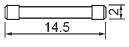
N60210R
5mm Junior power timer series connector receptacle 10P



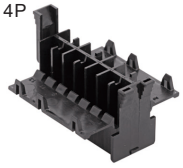


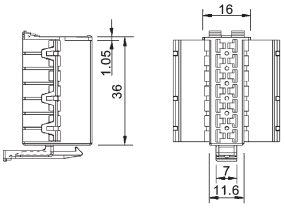
N601RP
MX23A series dummy pin





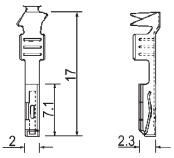
N60214R
5mm Junior power timer series connector receptacle 14P





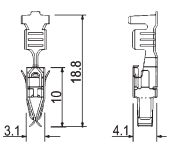
N601RT
MX23A series terminal 22-20AWG (6K/reel)





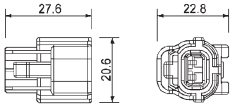
N602RT
Junior power timer series terminal 20-18AWG (2500/reel)





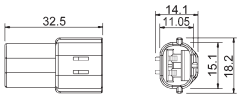
N60302
4.8mm Econoseal J-Mark II series
connector plug 2P





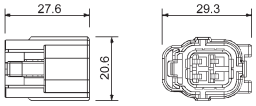
N60302R
4.8mm Econoseal J-Mark II series
connector receptacle 2P





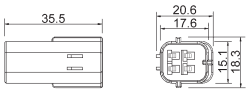
N60304
4.8mm Econoseal J-Mark II series
connector plug 4P





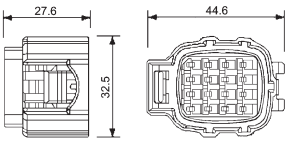
N60304R
4.8mm Econoseal J-Mark II series
connector receptacle 4P





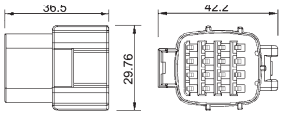
N60316
4.8mm Econoseal J-Mark II series
connector plug 16P





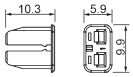
N60316R
4.8mm Econoseal J-Mark II series
connector receptacle 16P





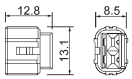
N60302K
Econoseal J-Mark II series lock plate 2P





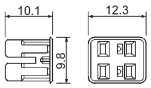
N60302RK
Econoseal J-Mark II series lock plate 2P





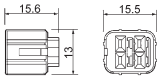
N60304K
Econoseal J-Mark II series lock plate 4P





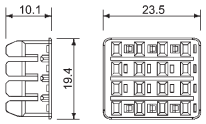
N60304RK
Econoseal J-Mark II series lock plate 4P





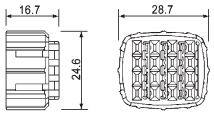
N60316K
Econoseal J-Mark II series lock plate 16P





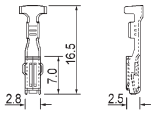
N60316RK
Econoseal J-Mark II series lock plate 16P





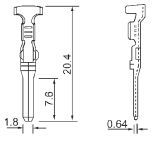
N603PT
Econoseal J-Mark II series terminal
22-20AWG (5K/reel)





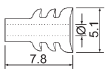
N603RT
Econoseal J-Mark II series terminal
22-20AWG (5K/reel)





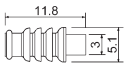
N60313WB Econoseal J-Mark II series Ø1.3 wire seal black
N60317WG Econoseal J-Mark II series Ø1.7 wire seal gray





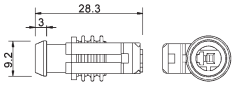
N60330WB
Econoseal J-Mark II series Ø3.0 wire seal black





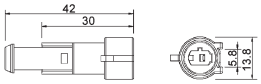
N60401
6mm Specialseal 1.5 series wire to wire connector plug 1P





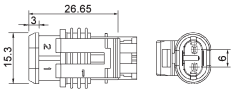
N60401R
6mm Specialseal 1.5 series wire to wire connector receptacle 1P





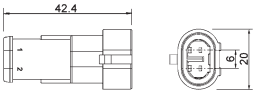
N60402
6mm Specialseal 1.5 series wire to wire connector plug 2P





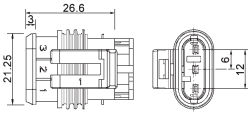
N60402R
6mm Specialseal 1.5 series wire to wire connector receptacle 2P





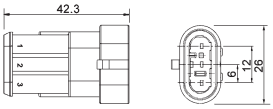
N60403
6mm Specialseal 1.5 series wire to wire connector plug 3P





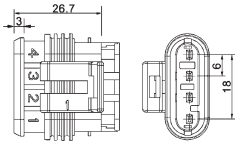
N60403R
6mm Specialseal 1.5 series wire to wire connector receptacle 3P





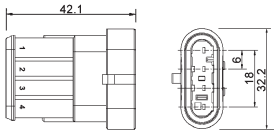
N60404
6mm Specialseal 1.5 series wire to wire connector plug 4P





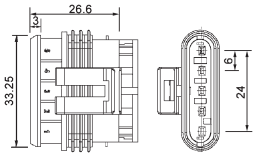
N60404R
6mm Specialseal 1.5 series wire to wire connector receptacle 4P





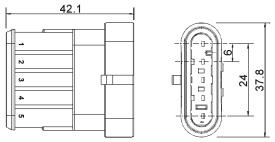
N60405
6mm Specialseal 1.5 series wire to wire connector plug 5P





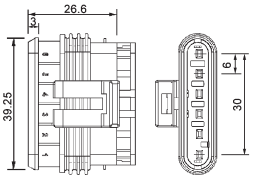
N60405R
6mm Specialseal 1.5 series wire to wire connector receptacle 5P





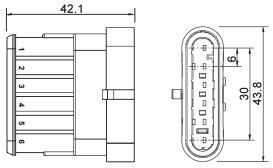
N60406
6mm Specialseal 1.5 series wire to wire connector plug 6P





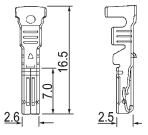
N60406R
6mm Specialseal 1.5 series wire to wire connector receptacle 6P





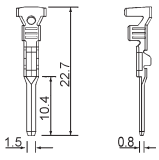
N604PTA Specialseal 1.5 series terminal 22-20AWG
N604PTB Specialseal 1.5 series terminal 18-16AWG
(3500/reel)





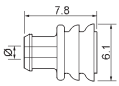
N604RTA Specialseal 1.5 series terminal 22-20AWG
N604RTB Specialseal 1.5 series terminal 18-16AWG
(3500/reel)





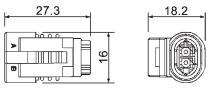
N60410WG Specialseal 1.5 series Ø1.0 wire seal green
N60414WY Specialseal 1.5 series Ø1.4 wire seal yellow
N60418WR Specialseal 1.5 series Ø1.8 wire seal red





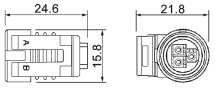
N60502R
6mm Metri-Pack 150 series connector receptacle 2P





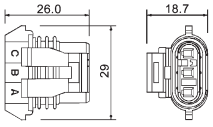
N60503AR
6mm Metri-Pack 150 series connector receptacle 3P





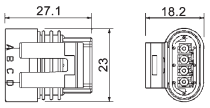
N60503BR
6mm Metri-Pack 150 series connector receptacle 3P





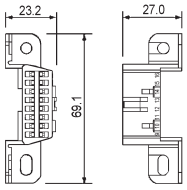
N60504R
6mm Metri-Pack 150 series connector receptacle 4P





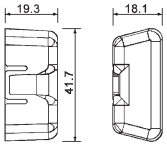
N60516R
4mm Metri-Pack 150 series connector receptacle 16P





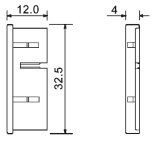
N60516RC
Metri-Pack 150 series connector cover for N60516R





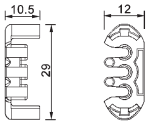
N60516RK
Metri-Pack 150 series TPA lock for N60516R





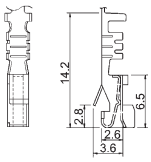
N60503BK
Metri-Pack 150 series secondary lock for N60503BR





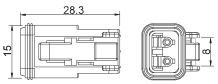
N605RT
Metri-Pack terminal 18AWG (3400/reel)





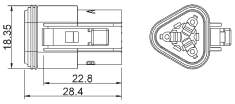
N60602
Sealed DT series wire to wire connector plug 2P





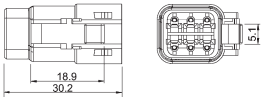
N60603
Sealed DT series wire to wire connector plug 3P





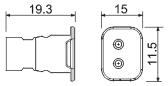
N60606
Sealed DT series wire to wire connector plug 6P





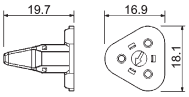
N60602K
DT series wedgelock 2P





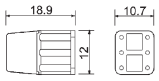
N60603K
DT series wedgelock 3P





N60606K
DT series wedgelock 6P





N60701
Battery modular connector 1P
Small type

Color :
red yellow
blue green
black

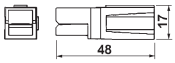




N60702
Battery modular connector 1P
Medium type

Color :
red yellow
blue green
black

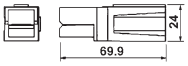




N60703
Battery modular connector 1P
Medium-large type

Color :
red yellow
blue green
black

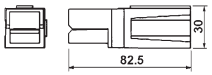




N60704
Battery modular connector 1P
Large type

Color :
red blue
green black





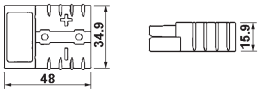
N60701T Terminal for N60701 15A (20-16AWG)
N60702T Terminal for N60702 50A (12-10AWG)
N60703T Terminal for N60703 80A (6AWG)
N60704T Terminal for N60704 125A (4AWG)



N60711
Battery modular connector 2P
Small type

Color :
red yellow
blue green
black gray

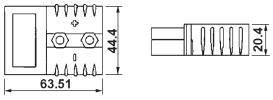




N60712
Battery modular connector 2P
Medium-small type

Color :
red blue
gray

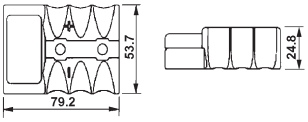




N60713
Battery modular connector 2P
Medium type

Color :
red yellow
blue gray

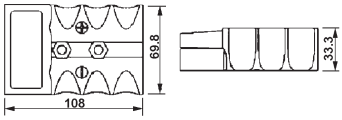




N60714
Battery modular connector 2P
Large type

Color :
red yellow
blue green
gray





N60711T Terminal for N60711 45A (8AWG)
N60712T Terminal for N60712 100A (4AWG)
N60713T Terminal for N60713 175A (1AWG)
N60714T Terminal for N60714 250A (2AWG)



N60901 x (from **N60901** to **N60903S**)

Code
Item No.



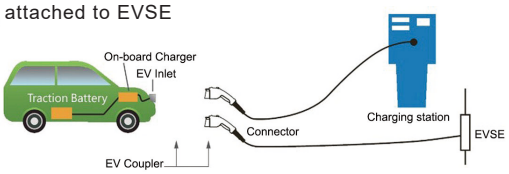
Features:
- Ergonomic and streamlined designs allow for user-friendly interaction
- High protection level to resist severe environment
- Products passed 5000N driveover test

Application:
- BEV, PHEV, charging pile, cord set and domestic wall-mounted charger, etc.

General charging mode of IEC61851

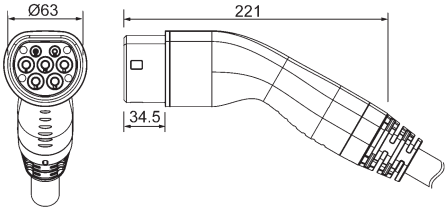
Type	Charging mode	Power supply	Breaker	Charging power	Device	Charging time (24KWh Battery)
Normal	Mode 1	230VAC, 1Ø	16A	3.3KW	Home outlet	8h
	Mode 2	230VAC, 1Ø	32A	6.6KW	ICCB	4h
	Mode 3	230VAC, 3Ø	32A	12KW	AC EVSE	2h
Fast	Mode 4	500VDC	125A	50KW	DC EVSE	30min

Permanent cable attached to EVSE



N60901
AC charging connector for electric vehicle
IEC62196-2 type 2 standard
W/protective cap
Length: 5M





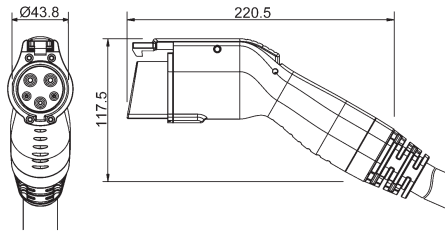
Specification:

Code	A	B
Rated current	20A	32A
Rated voltage	250VAC / 480VAC	
Lifespan	≥10000 times	
Flammability rating	UL 94V-0	
Protection level	With cap IP54 (body IP67)	
Operating temperature	-30˚C~+50˚C	
Cable specification	3x2.5mm²+ 1x0.75mm²	3x6.0mm²+ 1x0.75mm²

N60903
AC charging connector for electric vehicle
SAE J1772 standard
Length: 5M

2251



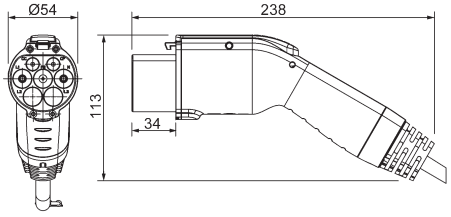


Specification:

Code	A	B
Rated current	32A	40A
Rated voltage	240VAC	
Lifespan	≥10000 times	
Flammability rating	UL 94V-0	
Protection level	NEMA 4 (body IP67)	
Operating temperature	-30˚C~+50˚C	
Cable specification	3x10AWG+ 1x18AWG	2x8AWG+ 1x10AWG+ 1x18AWG

N60905
AC charging connector for electric vehicle
GB / T20234 standard
W/protective cap
Length: 5M





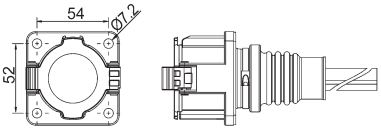
Specification:

Code	A	B
Rated current	16A	32A
Rated voltage	250VAC	
Force	≤100N	
Lifespan	≥10000 times	
Flammability rating	UL 94V-0	
Protection level	With cap IP54 (body IP67)	
Operating temperature	-30˚C~+50˚C	
Cable specification	3x2.5mm²+ 1x0.75mm²	3x6.0mm²+ 1x0.75mm²

N60903S
AC charging socket for electric vehicle
SAE J1772 standard
W/protective cap
Length: 1M

2251





Specification:

Code	A	B
Rated current	40A	80A
Rated voltage	240VAC	
Lifespan	≥10000 times	
Flammability rating	UL 94V-0	
Protection level	NEMA 4	
Operating temperature	-30˚C~+50˚C	
Cable specification	2x8AWG+ 1x10AWG+ 1x18AWG	2x5AWG+ 1x6AWG+ 2x18AWG

N6111
UM 1 x 1 for one "D" cell



N6121
UM 1 x 2 for two "D" cell



N6131
UM 1 x 3 for three "D" cell



N6141
UM 1 x 4 for four "D" cell



N6142
UM 1 x 4 for four "D" cell



N6144
UM 1 x 4 for four "D" cell



N6161
UM 1 x 6 for six "D" cell



N6211
UM 2 x 1 for one "C" cell



N6221
UM 2 x 2 for two "C" cell



N6241
UM 2 x 4 for four "C" cell



N6242
UM 2 x 4 for four "C" cell



N6243
UM 2 x 4 for four "C" cell



N6261
UM 2 x 6 for six "C" cell



N6282
UM 2 x 8 for eight "C" cell



N6201
UM 2 x 10 for ten "C" cell



N6311
UM 3 x 1 for one "AA" cell



N6321
UM 3 x 2 for two "AA" cell



N6322
UM 3 x 2 for two "AA" cell



N6323
UM 3 x 2 for two "AA" cell



N6324
UM 3 x 2 for two "AA" cell



N6331
UM 3 x 3 for three "AA" cell



N6341
UM 3 x 4 for four "AA" cell



N6342
UM 3 x 4 for four "AA" cell



N6343
UM 3 x 4 for four "AA" cell



N6344
UM 3 x 4 for four "AA" cell



N6345
UM 3 x 4 for four "AA" cell



N6361
UM 3 x 6 for six "AA" cell



N6362
UM 3 x 6 for six "AA" cell



N6381
UM 3 x 8 for eight "AA" cell



N6382
UM 3 x 8 for eight "AA" cell



N6301
UM 3 x 10 for ten "AA" cell



N6302
UM 3 x 10 for ten "AA" cell



N6411
UM 4 x 1 for one "AAA" cell



N6421
UM 4 x 2 for two "AAA" cell



N6431
UM 4 x 3 for three "AAA" cell (round type)



N6441
UM 4 x 4 for four "AAA" cell



N6442
UM 4 x 4 for four "AAA" cell



N6481
UM 4 x 8 for eight "AAA" cell



N6511
UM 5 x 1 for one "N" cell



N6521
UM 5 x 2 for two "N" cell



N6545
18650 battery holder x 1 for one cell
PCB mount



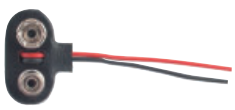
N6546
18650 battery holder x 2 for two cell
PCB mount



N6550
9 Volt battery snap
Standard lead length 150mm



N6551
9 Volt battery snap
Standard lead length 150mm



N6552
9 Volt battery snap
Standard lead length 150mm



N65552
9 Volt battery holder



N65553
9 Volt battery holder



N65554
9 Volt battery holder panel mount



N6555632
Waterproof UM 3 x 2 for two "AA" cell W/switch
Standard lead length 150mm
Can reach to IP65



N6555633
Waterproof UM 3 x 3 for three "AA" cell W/switch
Standard lead length 150mm
Can reach to IP65

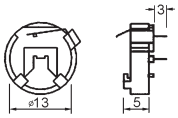


N65557
UM 3 x 4 to USB/A adaptor W/switch
In:6V
Out:5V



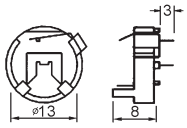
N656100
Coin cell holder
for CR1220





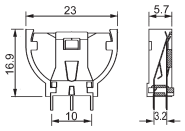
N656102
Coin cell holder
for CR1225





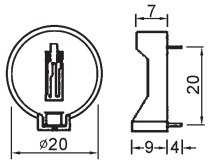
N656105
Coin cell holder
for CR2032





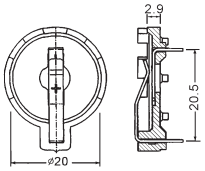
N656108
Coin cell holder
for CR2032





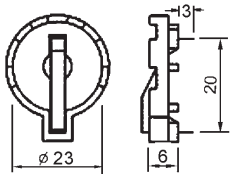
N656110
Coin cell holder
for CR2032



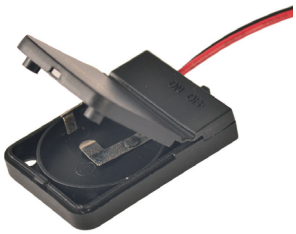


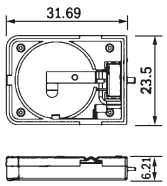
N656112
Coin cell holder
for CR2325





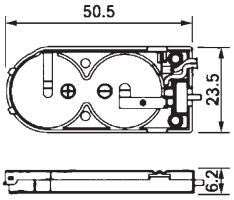
N656120
Coin cell holder
for CR2032
W/switch
Lead length:
150mm





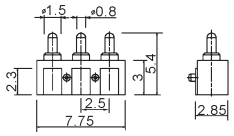
N656122
Coin cell holder
for CR2032
W/switch
Lead length:
150mm





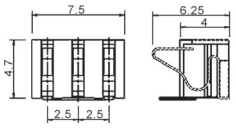
N656150
2.5mm 3P battery connector SMD





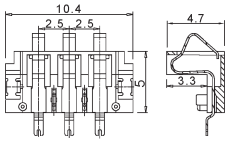
N656152
2.5mm 3P battery connector SMD





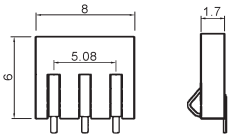
N656154
2.5mm 3P battery connector SMD





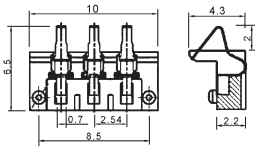
N656158
2.54mm 3P battery connector SMD





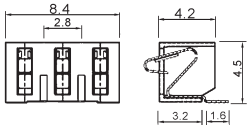
N656160
2.54mm 3P battery connector SMD





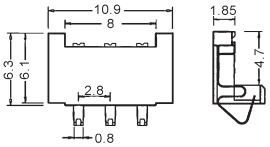
N656162
2.8mm 3P battery connector SMD





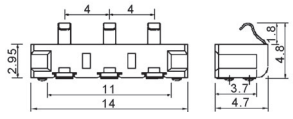
N656164
2.8mm 3P battery connector SMD





N656165
4mm 3P battery connector SMD





P6690 x x
- Voltage - A:125V B:250V
- Current rating
- Item No.

P6700 x (from **P6700** to **P6708**)
- Current rating
- Item No.

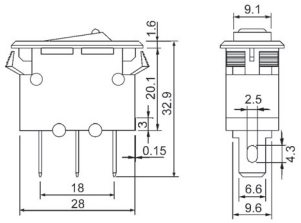
Current rating (H~K for P6708 / P6711 only)

A	B	C	D	E	F	G	H	I	J	K
3A	4A	5A	6A	10A	12A	15A	20A	25A	30A	40A

Input power	12VDC / 32VDC / 50VDC / 125VAC / 250VAC
Dielectric strength	1500VAC / 1 minute
Interrupt capacity	125VAC x 1000A , 250VAC x 1000A 250VAC x 200A(**P6700**) , 125VAC x 100A(**P6702**)
Calibration	25°C-100% of rated current-continuously carried 25°C-between 101% and 145%-may trip or not 25°C-150% of rated current-trip within 1 hour 25°C-200% of rated current-trip within 1 minute
Contact endurance	125VAC x 200% of rated current 500 cycles
Reset	manual push reset / auto reset

P6690
Illuminated circuit breaker
Rating: 2 - 20Amp
UL : 2-20A 125V/250V
TUV: 3-16A 250V
VDE: 3-16A 250V

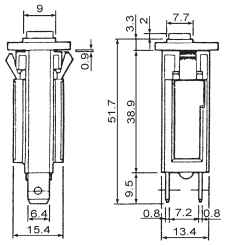




Overload	2 - 20 A
600%	0.1 - 1.8 sec
500%	0.2 - 2.8 sec
400%	0.35 - 5.0 sec
300%	0.7 - 10 sec
200%	3.5 - 60 sec
150%	trip within 1 hr
100%	no trip

P6700
Circuit breaker
Rating:2 - 16Amp
CSA: 3-15A 125V
VDE: 4-10A 250V
11-16A 125V

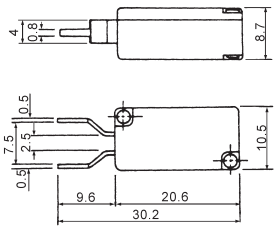




Overload	2 - 16 A
600%	0.3 - 3.0 sec
500%	0.4 - 5.5 sec
400%	0.5 - 9.5 sec
300%	0.8 - 12 sec
200%	4.0 - 30 sec
135%	trip within 1 hr
105%	no trip

P6702
Circuit breaker
Rating: 4 - 9Amp 12V/125V

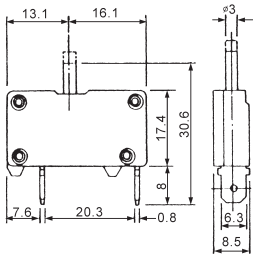




Overload	1.5 - 10 A
400%	0.45 - 5.0 sec
300%	0.8 - 10 sec
200%	4.0 - 60 sec
175%	trip within 1 hr
100%	no trip

P6704
Circuit breaker
Rating: 1 - 20Amp 12V/125V
CSA: 2 - 15A 125V
VDE: 2 - 16A 250V

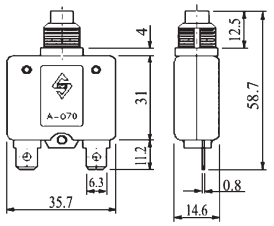




Overload	1 - 20 A
500%	0.2 - 2.0 sec
400%	0.4 - 5.0 sec
300%	0.8 - 15 sec
200%	4.0 - 60 sec
175%	trip within 1 hr
100%	no trip

P6708
Circuit breaker
Rating: 3 - 40Amp
UL : 3 - 30A 125V/250V
CSA: 3 - 30A 125V
5 - 30A 250V
VDE: 4 - 30A 250V



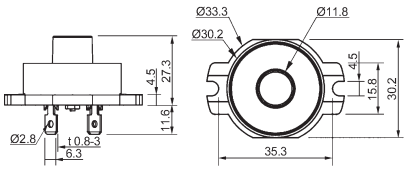


Overload	3A & 4A	Overload	5A ~ 40A
600%	0.6 - 2.0 sec	600%	0.6 - 1.7 sec
500%	1.0 - 5.0 sec	500%	0.8 - 2.5 sec
400%	1.2 - 8.0 sec	400%	1.6 - 7.0 sec
300%	2.5 - 11 sec	300%	2.5 - 11 sec
200%	4.0 - 40 sec	200%	4.0 - 30 sec
165%	trip within 1 hr	150%	trip within 1 hr
100%	no trip	100%	no trip
		35A~40A trip within 1 min. at 200%	

P6711 x x 1" Single-phase motor protector W/ear
- Current rating
- Code

Rating: 1 - 44Amp
UL : 1/4 - 3HP
110V - 120V
220V - 240V





Operation temperature:

Code	A	B	C	D	E	F
Open±5°C	90	105	105	120	135	150
Close±12°C	54	63	74	74	96	96

Specifications:
Protect motor: 1/6 to 5HP
Trip time: 10 ± 5 sec.
Input power: 110-120VAC
220-240VAC
Reset: Manual reset
Contacts type: NC

Applications:
·Industrial motor
·Varios types of pumps
·Compressor
·Air conditioning
·Agricultural equipment
·Home appliances

P67210 x (from **P67210** to **P6728**)

Temperature rate
Item No.

Temperature :

Code	A	B	C	D	E	F	G	H	J	K	L
˚C	75	80	85	90	95	100	105	110	120	130	140

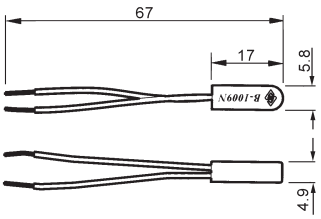
Code	M	N	P	Q	R	S	T		X	X1	X2
˚C	150	160	170	180	190	200	205		50	60	70

Item	P67210	P67212
Operating tolerance	±5˚C	
Reset differential	10˚C~50˚C	
Input power	12V/24V/125V/250V	
Reset type	auto reset	
Interrupt capacity	125Vx20A-5cycles	125Vx30A-5cycles
Overshoot Temp.	180˚C /3 min.	200˚C /3 min.
Dielectric strength	1500VAC/1min.	

P67210
Thermostat (NC)
4A 125V



50˚C -135˚C at no load



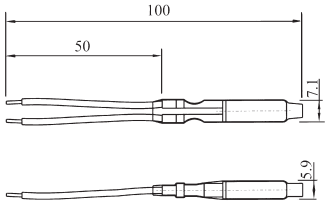
Contacts endurance:(resistive load)
24VDC x 100mA-20000 cycles
24VDC x 2A-10000 cycles
125VAC x 2A-10000 cycles
250VAC x 1A-10000 cycles

Applications:
·Motor winding
·Compact motor
·Transformer
·Heat fan
·Lighting ballast
·Common protection

P67212
Thermostat (NC)
UL: 6A 125V



45˚C -120˚C at no load



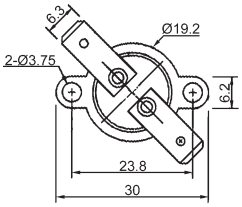
Contacts endurance:(resistive load)
24VDC x 100mA-50000 cycles
24VDC x 6A-10000 cycles
125VAC x 6A-10000 cycles
250VAC x 4A-10000 cycles

Applications:
·Motor winding
·Compact motor
·Transformer
·Heat fan
·Lighting ballast
·Common protection

P6722
Thermostat (NC)
15A 125V
10A 250V



50˚C -185˚C at no load



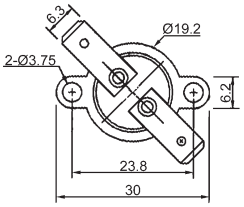
Reset type: Auto reset
Tolerance: ±3°C, ±5°C
Reset differential: 10°C~20°C
Dielectric strength: 1500VAC/1 minute
Life cycles: 100,000 cycles under rated load

Applications:
·Temperature controller
·Coffee maker
·Dish washer
·Hot plate
·Home appliance
·Common protection

P6723
Ceramic thermostat (NC)
15A 125V
10A 250V



50˚C -205˚C at no load



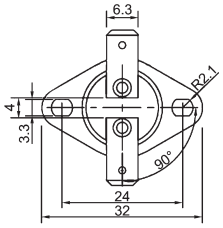
Reset type: Auto reset
Tolerance: ±3°C, ±5°C
Reset differential: 10°C~20°C
Dielectric strength: 1500VAC/1 minute
Life cycles: 100,000 cycles under rated load

Applications:
·Espressor machines
·Vending machines
·Toaster, Microwave
·Photo copier, UPS
·Roomheater
·Home & heating appliances

P6725
Thermostat (NC)
15A 125V
10A 250V



50˚C -185˚C at no load



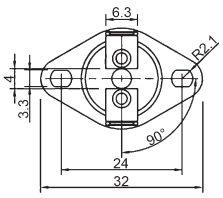
Reset type: Auto reset
Tolerance: ±3°C, ±5°C
Reset differential: 10°C~20°C
Dielectric strength: 1500VAC/1 minute
Life cycles: 100,000 cycles under rated load

Applications:
·Espressor machines
·Vending machines
·Toaster, Microwave
·Photo copier, UPS
·Roomheater
·Home & heating appliances

P6728
Thermostat (NC)
15A 125V



50˚C -185˚C at no load



Reset type: Manual reset
Tolerance: ±3°C, ±5°C
Reset differential: Reset temp. can be specified
Dielectric strength: 1500VAC/1 minute
Life cycles: 6,000 cycles under rated load

Applications:
·Espressor machines
·Vending machines
·Toaster, Microwave
·Photo copier, UPS
·Roomheater
·Home & heating appliances

P67300 x
- Nominal voltage code
- Item No.

I :**P67300 ~ 67327**
II:**P67329 ~ 67335**
III:**P67340 ~ 67341**

Coil rating :

Code	Nominal voltage	Coil resistance (ohms+/-10%)			Nominal input power (mW)			Must operate voltage (VDC)			Must release voltage (VDC)		
	Part	I	II	III	I	II	III	I	II	III	I	II	III
A	3V	500	-	-	18	-	-	2.4	-	-	0.8	-	-
B	5V	500	500	140	50	50	179	3.2	3.75	3.75	0.8	0.8	0.8
C	6V	500	-	-	72	-	-	3.8	-	-	0.8	-	-
D	8V	700	-	-	92	-	-	6.0	-	-	0.8	-	-
E	9V	700	-	-	116	-	-	6.0	-	-	0.8	-	-
F	12V	1050	1000	500	138	144	288	8.0	9.0	9.0	0.8	1.0	1.0
G	24V	2080	2150	2150	277	268	268	16.0	18.0	18.0	0.8	2.0	2.0

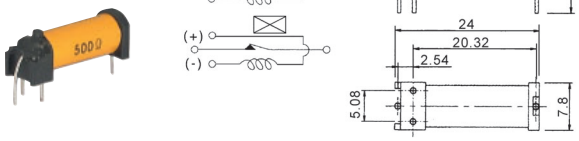
Features :

1. 2.54mm IC terminal arrangement.
2. High switching speed and low bounce time.
3. Wide operate voltage range and low power consumption.

Contact form	NO	NC	NO+NC	DIP	SMD	SIP
Max. switching current	0.5ADC		0.2ADC	0.5ADC		
Max. carry current	1.0ADC		0.5ADC	1.0ADC		
Max. voltage	100VDC		30VDC	100VDC		
Electrical life	100 x 10^6 (ref 10VDC, 10mA)					
Contact resistance	150mΩ			200mΩ		150mΩ
Operate time	1.0ms Max. including bounce time					
Release time	1.0ms Max. including bounce time					
Insulation resistance	10^{10} ohms					

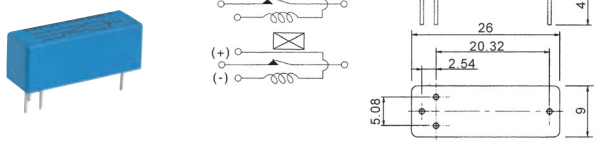
P67300 Reed relay 1NO

P67301 Reed relay 1NC



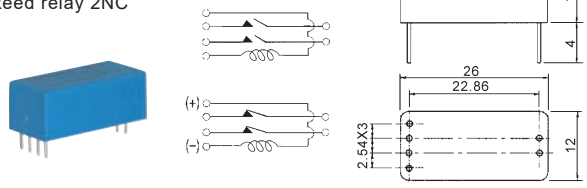
P67304 Reed relay 1NO

P67305 Reed relay 1NC

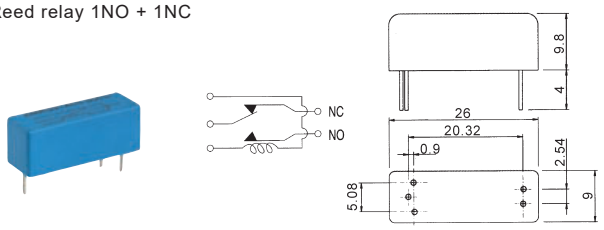


P67310 Reed relay 2NO

P67311 Reed relay 2NC

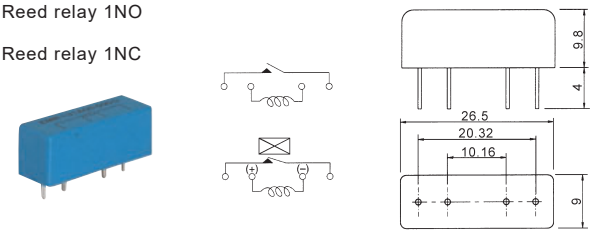


P67322 Reed relay 1NO + 1NC

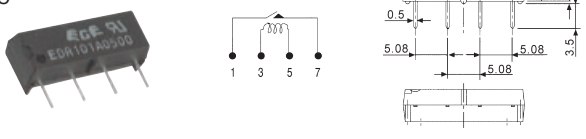


P67326 Reed relay 1NO

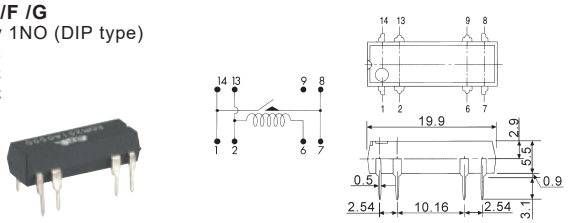
P67327 Reed relay 1NC



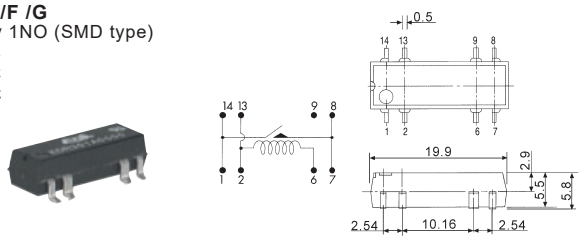
P67329B /F /G
Reed relay 1NO (SIP type)
B : 5VDC
F : 12VDC
G : 24VDC



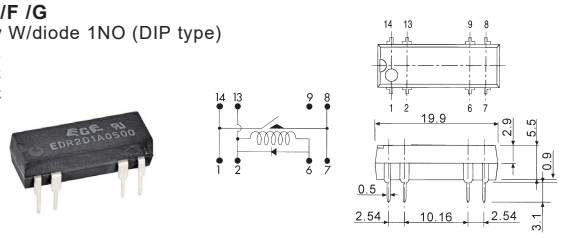
P67330B /F /G
Reed relay 1NO (DIP type)
B : 5VDC
F : 12VDC
G : 24VDC



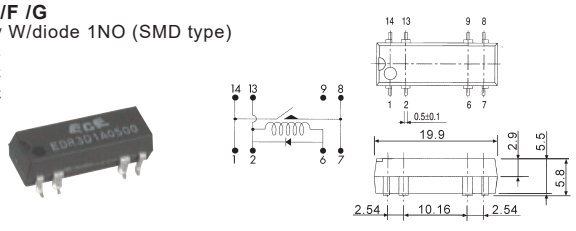
P67331B /F /G
Reed relay 1NO (SMD type)
B : 5VDC
F : 12VDC
G : 24VDC



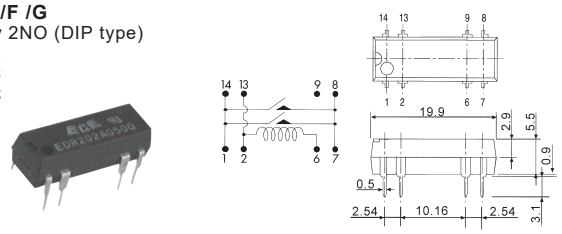
P67334B /F /G
Reed relay W/diode 1NO (DIP type)
B : 5VDC
F : 12VDC
G : 24VDC



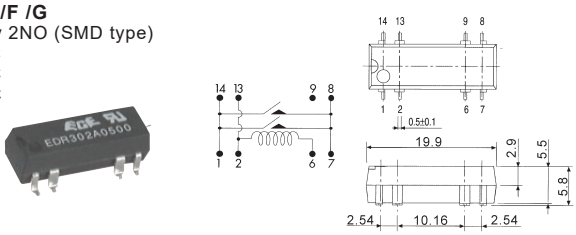
P67335B /F /G
Reed relay W/diode 1NO (SMD type)
B : 5VDC
F : 12VDC
G : 24VDC



P67340B /F /G
Reed relay 2NO (DIP type)
B : 5VDC
F : 12VDC
G : 24VDC

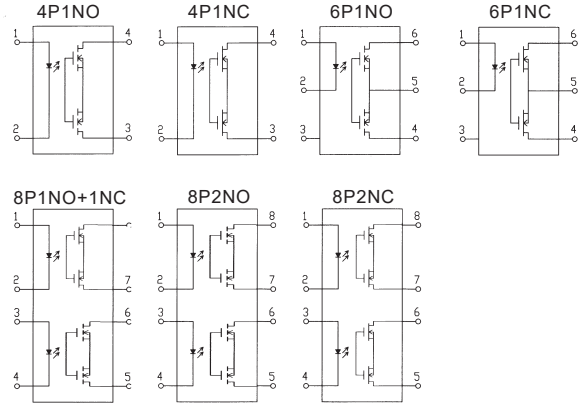


P67341B /F /G
Reed relay 2NO (SMD type)
B : 5VDC
F : 12VDC
G : 24VDC



Features :

- •No EMI/RFI generation
- •High reliability
- •No moving parts
- •Low drive power requirement (TTL/CMOS compatible)
- •Low on-state resistance
- •3750 Voltage input/output isolation
  (1500V isolation for so-package)
- •ARC-free with no snubbing circuits
- •Machine insertable or wave solderable



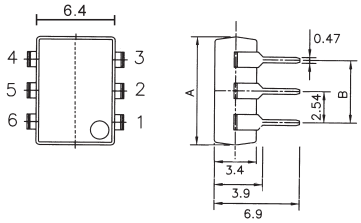
P67350 x (from **P67350** to **P67364**)
Load voltage & pin number
Item No.

Code	60V	100V	200V	350V	400V
4 pin	A	D	G	K	N
6 pin	B	E	H	L	P
8 pin	C	F	J	M	Q

Contact		NO				NC		
Input Characteristics								
Forward voltage (V)		0.9-1.5				0.9-1.5		
Reverse voltage at 10 μ A (V)		5				5		
Control current (mA)		5-50				5-50		
Output Characteristics								
Load voltage (VAC Peak or VDC)		60	100	200	400	200	350	400
Continuous rated load current (mA)	SOP	350	200	150	100	100	80	80
	SMD/DIP	400	250	200	130	120	100	100
Peak current(mA)	SOP	600	400	300	240	240	200	200
	SMD/DIP	700	500	400	300	300	250	250
On-state resistance Max.(Ω)		1.4	5	10	30	30	45	50
Off-state leakage current(μA)		1	10	1	1	10		
T_{on} Max. (msec)		1				1		
T_{off} Max. (msec)		1				2		
Capacitance (pF)		150	70	70	70	200	200	150
Input / Output Characteristics								
I/O Capacitance (pF)		5				5		
I/O Isolation voltage (VAC)	SOP	1500				1500		
	SMD/DIP	3750				3750		
I/O Isolation resistance (GΩ)		10				10		

P67350 Photo MOS relay 1NO (DIP type)
P67351 Photo MOS relay 1NC (DIP type)
P67352 Photo MOS relay 1NO+1NC (DIP type)
P67353 Photo MOS relay 2NO (DIP type)
P67354 Photo MOS relay 2NC (DIP type)



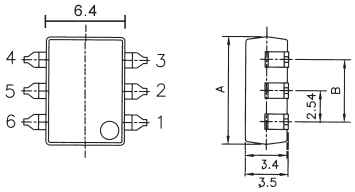


Unit : mm

Pin out	A	B
4 pin	6.26	2.54
6 pin	8.80	5.08
8 pin	11.34	7.62

P67355 Photo MOS relay 1NO (SMD type)
P67356 Photo MOS relay 1NC (SMD type)
P67357 Photo MOS relay 1NO+1NC (SMD type)
P67358 Photo MOS relay 2NO (SMD type)
P67359 Photo MOS relay 2NC (SMD type)



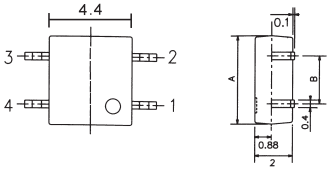


Unit : mm

Pin out	A	B
4 pin	6.26	2.54
6 pin	8.80	5.08
8 pin	11.34	7.62

P67360 Photo MOS relay 1NO (SOP type)
P67361 Photo MOS relay 1NC (SOP type)
P67362 Photo MOS relay 1NO+1NC (SOP type)
P67363 Photo MOS relay 2NO (SOP type)
P67364 Photo MOS relay 2NC (SOP type)





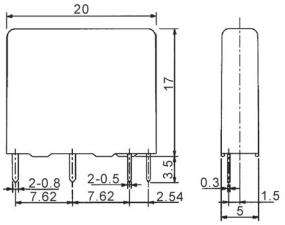
Unit : mm

Pin out	A	B
4 pin	4.70	2.54
6 pin	7.24	5.08
8 pin	9.78	7.62

P67380 x x Solid state relay

- Load current
  - A: 1A (AC)
  - B: 2A (DC)
  - C: 4A (DC)
- Input voltage
  - A: 5VDC
  - B: 12VDC
  - C: 24VDC
- Item No.





Input characteristics

Code	A	B	C
Nominal voltage	5VDC	12VDC	24VDC
Control voltage range	3~10VDC	7~20VDC	18~32VDC
Control current	12mA	10mA	7.7mA
Input impedance	320Ω	1070Ω	3000Ω

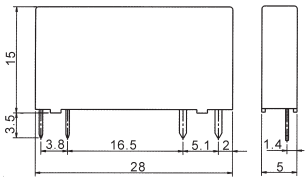
Output characteristics

Code	A	B	C
Max. load current	1A	2A	4A
Min. load current	50mA	1mA	
Load voltage	240VAC	24VDC	
Load voltage range	24~265VAC	0-30VDC	
Non repetitive Max. peak	50A	6A (10ms)	7A (10ms)
Max. off-state leakage current	2.0mA	<1mA	
Max. on-state voltage drop	1.5V	0.24V	
Max. turn-on time	1ms	1ms	
Max. turn-off time	1/2 cycle + 1ms	0.1ms	
Insulation resistance	1000MΩ,DC500V	1000MΩ,DC500V	

P67385 x x Solid state relay

- Load current
  - A: 2.0A (AC)
  - B: 2.5A (DC)
  - C: 4.0A (DC)
- Input voltage
  - A: 5VDC
  - B: 12VDC
  - C: 24VDC
- Item No.





Input characteristics

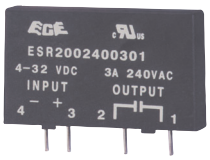
Code	A	B	C
Nominal voltage	5VDC	12VDC	24VDC
Control voltage range	3~10VDC	7~20VDC	18~32VDC
Control current	12mA	10mA	7.7mA
Input internal resistor	320Ω	1070Ω	3000Ω

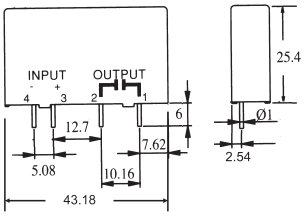
Output characteristics

Code	A	B	C
Load current	2A	2.5A	4A
Load voltage	240VAC	48VDC	24VDC
Operating range	12-280VAC	0-60VDC	0-32VDC
Peak voltage	600VAC	100VDC	60VDC
Non-repetitive overload current	80A	6A	7A
On-state voltage drop	1.2V	0.4V	0.24V
Off-state leakage current	<1.5mA	<1mA	<1mA
Min. load current	50mA	1mA	1mA
Turn-on time	100μs	50μs	50μs
Turn-off time	1/2cycle+1ms	600μs	600μs
Operating frequency	47-400Hz	10Hz	10Hz

P67390 x Solid state relay W/O LED (NO)

- Load voltage
  - A: 60VDC
  - B:120VAC
  - C:240VAC
- Item No.





Input characteristics

Code	A	B	C
Control voltage range	3-32 VDC		
Max. control current	15mA		
Min. turn-off voltage	1VDC		
Min. input impedance	2.2K Ω		

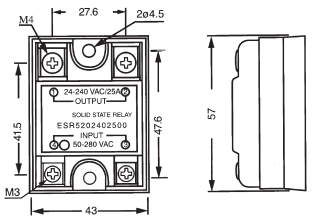
Output characteristics

Code	A	B	C
Max. load current	3A (rms)		
Load voltage	60VDC	120VAC	240VAC
Load voltage range	3-60VDC	24-140VAC	24-280VAC
Non-repetitive Max. peak voltage	60VDC	400VAC	600VAC
Non-repetitive Max. peak current	5A	80A	
Max. off-state leakage current	1.0mA	5mA	
Max. on-state voltage drop	1.5V	1.5V	
Min. load current	10mA	50mA	
Max. off-state slew rate(dv/dt)	-	100V/ μ s	
Operating frequency range	-	47Hz~ 63Hz	

P67395 x x Solid state relay (NO)
P67396 x x Solid state relay W/LED (NO)
P67397 x x Solid state relay (NO)
P67398 x x Solid state relay W/LED (NO)

- Load current —A:10A B:25A C:40A
- Load voltage —B:240VAC
- Item No.





Input characteristics

Item No.	P67395	P67396	P67397	P67398
Control voltage range	3-32VDC	4-32VDC	50-280VAC	
Control current	15mA Max.		15mA Max.	
Min. turn-off voltage	1VDC	1.5VDC	35VAC	40VAC
Input impedance	2KΩ Min.		106KΩ Min.	

Output characteristics

Load voltage (VAC)	120	240
Load voltage range (VAC)	24-140	24-280
Peak voltage (VAC)	400	600

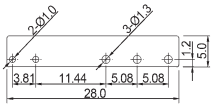
Max. load current	10A	25A	40A
Non-repetitive Max. peak current	125A	260A	315A
Max. off-state leakage current	1mA	7mA	7mA
Max. on-state voltage drop	1.6V	1.6V	1.8V
Min. load current	50mA	100mA	100mA
Max. off-state slew rate(dv/dt)	250V/μs	250V/μs	250V/μs
Operating frequency range	47Hz~63Hz	47Hz~63Hz	47Hz~63Hz

P67415 x Relay (NO)
P67416 x Relay (NO+NC)
Code
Item No.



28.0 x 5.0 x 15.0

NO
NO+NC



Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 3V	53Ω	0.17W	56.6mA
B	DC 5V	147Ω	0.17W	34.0mA
C	DC 6V	211Ω	0.17W	28.3mA
D	DC 9V	476Ω	0.17W	18.8mA
E	DC12V	847Ω	0.17W	14.2mA
F	DC24V	3388Ω	0.17W	7.1mA

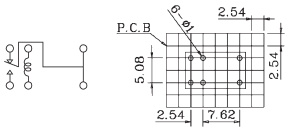
Contact arrangement	NO	NO+NC
Contact form	SPST	SPDT
Rated carrying current	8A	
Max. allowable current	8A	
Max. allowable voltage	AC400V DC30V	
Contact resistance	100mΩ Max.	
Insulation resistance	100MΩ Min. (DC500V)	

P67418 x Relay (NO+NC)
Code
Item No.



12.5 x 7.5 x 10.0

NO+NC



Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 3V	60Ω	0.15W	50.0mA
B	DC 5V	167Ω	0.15W	30.0mA
C	DC 6V	240Ω	0.15W	25.0mA
D	DC 9V	540Ω	0.15W	16.7mA
E	DC12V	960Ω	0.15W	12.5mA
F	DC24V	3840Ω	0.15W	6.3mA

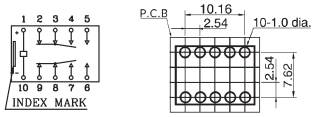
Contact rating	1A
Rated carrying current	AC125V 0.5A DC 60V 0.3A DC 30V 1A
Max. allowable current	1A
Max. allowable voltage	AC125V DC60V
Max. current (continual)	1A
Contact resistance	100mΩ Max.
Insulation resistance	100MΩ Min. (DC500V)

P67428 x Relay (2NO+2NC)
Code
Item No.



14.0 x 9.0 x 5.0

2NO+2NC



Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 3V	64.3Ω	0.14W	46.7mA
B	DC 5V	178.0Ω	0.14W	28.1mA
C	DC 6V	257.0Ω	0.14W	23.3mA
D	DC 9V	579.0Ω	0.14W	15.5mA
E	DC12V	1028.0Ω	0.14W	11.7mA
F	DC24V	2880.0Ω	0.20W	8.3mA

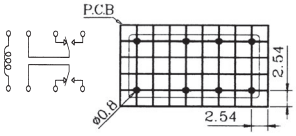
Contact arrangement	2NO+2NC
Rated carrying current	DC30V 1A AC125V 0.5A
Max. allowable current	1A
Max. switching voltage	AC250V DC220V
Max. switching current	1A
Contact resistance	50mΩ Max.
Insulation resistance	1000MΩ Min. (DC500V)

P67430 x Relay (2NO+2NC)
Code
Item No.



20.2 x 10.0 x 12.0

2NO+2NC



Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 5V	125Ω	0.2W	40mA
B	DC 6V	180Ω	0.2W	33mA
C	DC 9V	405Ω	0.2W	22mA
D	DC12V	720Ω	0.2W	17mA
E	DC24V	2800Ω	0.2W	8mA

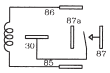
Contact rating	2A
Rated carrying current	DC24V 2A AC120V 1A
Max. allowable current	2A
Max. allowable voltage	AC150V DC28V
Max. current (continual)	2A
Contact resistance	100mΩ Max.
Insulation resistance	100MΩ Min. (DC500V)

P67440 x x Relay (NO)
P67441 x x Relay (NC)
P67442 x x Relay (NO+NC)

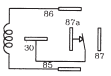
- A:PCB terminal
- B:quick terminal (bracket cover)
- Code
- Item No.



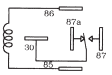
NO



NC



NO+NC





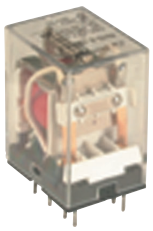
28.0 x 28.0 x 30.7

Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 12V	90Ω	1.6W	133.3mA
B	DC 24V	360Ω	1.6W	66.7mA

Contact rating	40A
Rated carrying current	DC14V 40A
Max. allowable current	50A
Max. allowable voltage	32V
Max. current (continual)	40A
Contact resistance	50mΩ Max.
Insulation resistance	50MΩ Min. (DC500V)

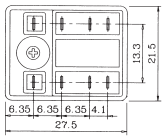
P67455 x x Relay (2NO+2NC)
P67457 x x Relay (4NO+4NC)

- A: PCB terminal
- B: solder terminal
- Code
- Item No.



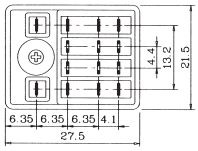
2NO+2NC





4NO+4NC





27.5 x 21.5 x 35.0

Code	Coil voltage (V)	Coil resistance	Rated power (W)	Nominal current
A	DC 12V	160Ω	0.9W	75.0mA
B	DC 24V	650Ω	0.9W	36.9mA
C	AC110V	8148Ω	1.2W	13.5mA
D	AC220V	27160Ω	1.2W	8.1mA
E	AC240V	33196Ω	1.4W	7.5mA

Contact rating	2NO+2NC	4NO+4NC
Rated carrying current	AC240V 5A	DC28V 5A
Max. allowable current	5A	
Max. allowable voltage	AC250V	DC125V
Max. current (continual)	5A	
Contact resistance	50mΩ Max.	
Insulation resistance	100MΩ Min. (DC500V)	

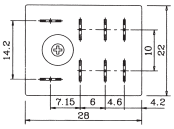
P67461 x x Relay (2NO+2NC)

- A: PCB terminal
- B: quick terminal
- Code
- Item No.



2NO+2NC





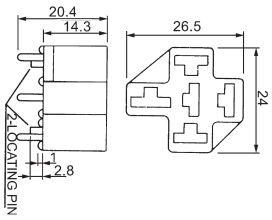
28.0 x 22.0 x 35.0

Code	Coil voltage (V)	Coil resistance	Rated power (W)
A	DC 12V	160Ω	0.9W
B	DC 24V	650Ω	0.9W
C	AC110V	3600Ω	0.9W
D	AC220V	13500Ω	0.9W
E	AC240V	16500Ω	0.9W

Contact rating	2NO+2NC
Rated carrying current	AC240V 10A DC28V 10A
Max. allowable current	12A
Max. allowable voltage	AC250V DC125V
Max. current (continual)	10A
Contact resistance	50mΩ Max.
Insulation resistance	100MΩ Min. (DC500V)

P674904
Relay socket
(for **P67440-P67442**)

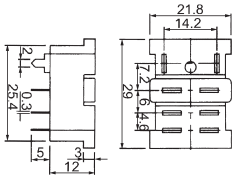




26.5 x 24.0 x 20.4

P674910
Relay socket
(for **P67461**)

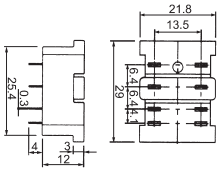




29.0 x 21.8 x 12.0

P674906
Relay socket
(for **P67455**)

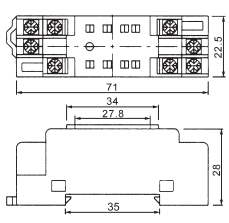




29.0 x 21.8 x 12.0

P674912
Relay socket
(for **P67455**)



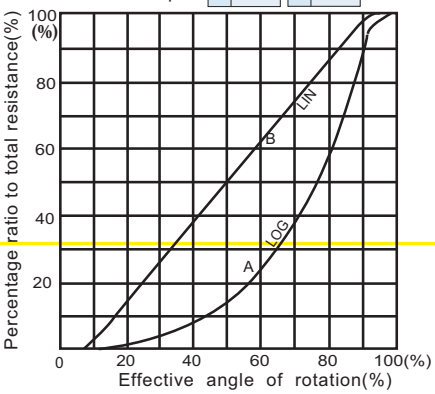


71.0 x 22.5 x 28.0

P6836 x x x (from **P6836** to **P6866**)

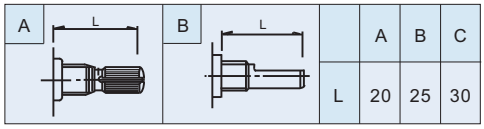
- Shaft length
- Shaft type
- Resistance taper
- Item No.

Resistance taper : A LOG | B LIN



Resistance ① to ② x 100%
Total resistance

Shaft type:



Shaft length:

	A	B	C
L	20	25	30

P6870 (from **P6870** to **P6878**)

- Item No.

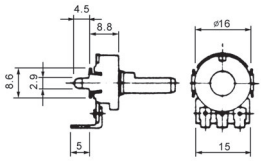
Resistance range (please indicate on description):

1K	2K	5K	10K	20K	50K	100K	200K	500K	1M	2M	5M

Series	12mm	16mm	17mm	24mm
Rotating angle	230 ± 10°	300 ± 5°	260 ± 10°	300 ± 10°
Rotating life	15000 times at double-trip			
Residual resistance	Between terminal 1 to 2 : 0.1% (2 to 3 : 1%) of over all resistance			

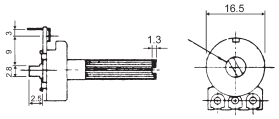
P6836
16mm Variable resistor
50VAC 0.1W



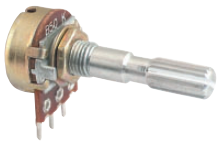


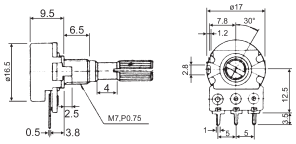
P6850
16mm Variable resistor
200VAC 0.1W





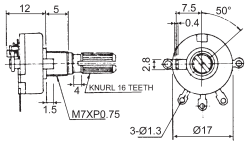
P6852
16mm Variable resistor
200VAC 0.2W





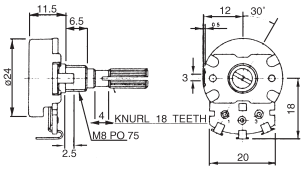
P6863
17mm Variable resistor
With switch
200VAC 0.1W



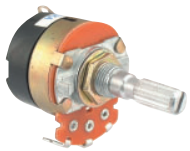


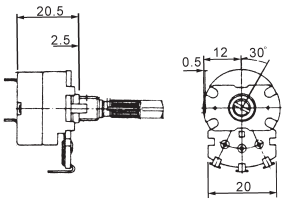
P6865
24mm Variable resistor
500VAC 0.5W





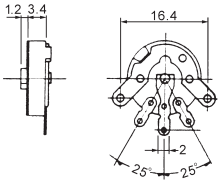
P6866
24mm Variable resistor
with switch
125VAC 0.5W





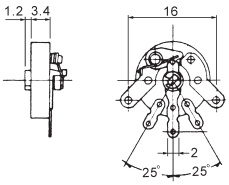
P6870
12mm Variable resistor
Resistance taper:LIN
150VAC 0.1W





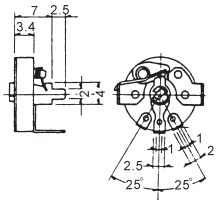
P6871
12mm Variable resistor
Resistance taper:LIN
with switch
150VAC 0.1W





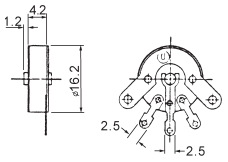
P6872
12mm Variable resistor
Resistance taper:LIN
with switch
150VAC 0.1W





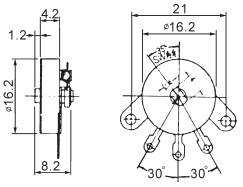
P6876
16mm Variable resistor
Resistance taper:LIN
200VAC 0.1W





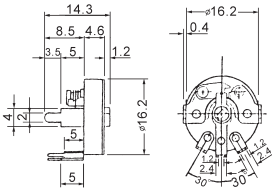
P6877
16mm Variable resistor
Resistance taper:LIN
with switch
200VAC 0.1W

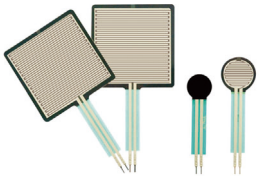




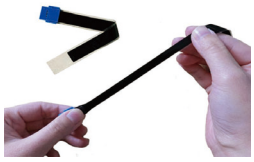
P6878
16mm Variable resistor
Resistance taper:LIN
with switch
200VAC 0.1W



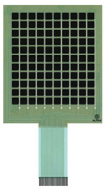




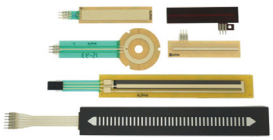
Membrane force sensor
- Ultra-thin and flexible, with better performance at high temperature, humidity and repeatability
- Fitness, medical, industrial and many other applications



Stretch sensor
- Flexible and stretchable, provides real-time when it is extended or stretched around 3D objects
- Applications: wearable devices, motion-monitoring systems



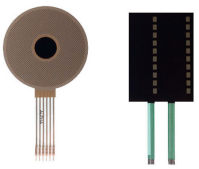
Pressure sensor array
- Provides multi-touch function with position (X-Y) and force (Z) detection
- Pressure distribution applications such as body and foot pressure mapping system, balance training and rehabilitation, and inventory management



Membrane position sensor
- Slim and flexible
- IoT and logistics, industrial and many other applications



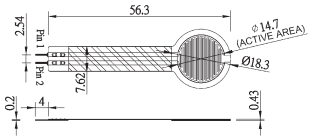
Bending detection sensor
- Thinner thickness, unaffected by pressure
- High-resolution and durable
- One-way bending detection, and can detect which side is bent
- Rehabilitation, gaming and many applications



Membrane force & position sensor
- Ultra-thin, flexible and sealed properties, velocity-sensitive
- Rotary position sensor with center force detection function
- Fitness, medical, industrial and many other applications

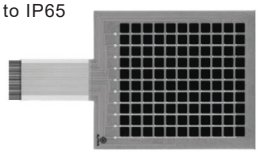
P689400
Membrane force sensor

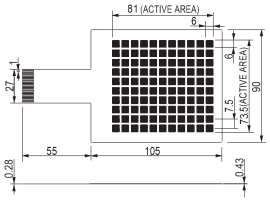




Force sensitivity range	30g~1000g (0.3N~9.8N)
Stand-off resistance	>20MΩ (unloaded)
Response time	<1ms
Life cycle (without failure)	>10 million
Operating temperature	-30°C to +85°C

P689410
Pressure sensor array
can reach to IP65

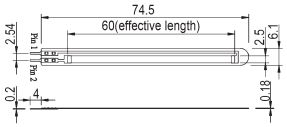




Force sensitivity range	50g~5000g (0.5N~49N)
Stand-off resistance	>20MΩ (unloaded)
Response time	<1ms
Life cycle (without failure)	>1 million
Operating temperature	-30°C to +85°C

P689415
Bending detection sensor

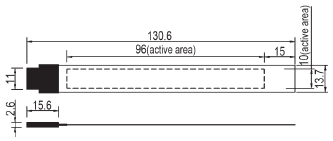




Angle range	0°~180°
Resolution	1°
Power rating	0.5W Max. @25°C
Response time	<1ms
Life cycle	>1 million
Operating temperature	-30°C to +80°C

P689420
Stretch sensor

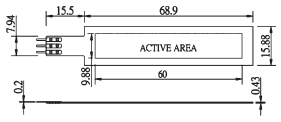




Stretchable range	0~100%
Active sensing zone	96 x 10 mm
Capacitance(un-stretched)	160pf~240pf
Operating temperature	10°C to 50°C

P689425
Membrane position sensor
can reach to IP65

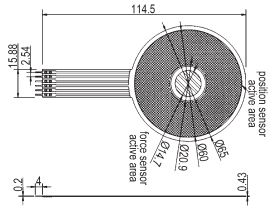




Position linarity	±3% (independent)
Resistance tolerance	±20%
Power rating	1W Max. @25°C
Life cycle (without failure)	>0.5 million
Operating temperature	-20°C to +70°C

P689430
Membrane force & position sensor
can reach to IP65



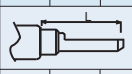
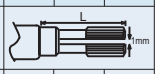


Force sensitivity range	30g~1000g (0.3N~9.8N)
Stand-off resistance	>20MΩ (unloaded)
Position linearity	±3% (independent)
Power rating	1W Max. @25°C
Response time	<1ms
Life cycle	>0.5 million
Operating temperature	-20°C to +70°C

P69111 x x (from **P69111** to **P69131**)

- Pulses
- Shaft type & length
- Item No.

Shaft type & length (**P69111~P69114**)

Code	A	B	C	D	E	F
Shaft type						
L	15	20	25	15	20	25

Pulses (**P69201 ~ P69202**)

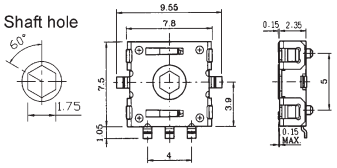
Pin No	Position ● Real code ○ Complimentary code															
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
4	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●
8	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●

Pulses (P69091 ~ P6916)

Code	Pulses	Signal	Output (C.W.)
P69111A P69112A P69113A P69114A	15	A (terminal A-C)	OFF ON
		B (terminal B-C)	OFF ON
P69111B P69112B P69113B P69114B	20	A (terminal A-C)	OFF ON
		B (terminal B-C)	OFF ON
P69091A P69093A P69095A P69097A P69131A	12	A (terminal A-C)	OFF ON
		B (terminal B-C)	OFF ON
P69091B P69093B P69095B P69097B P69131B	24	A (terminal A-C)	OFF ON
		B (terminal B-C)	OFF ON
P6916	24	A (terminal A-C)	OFF ON
		B (terminal B-C)	OFF ON

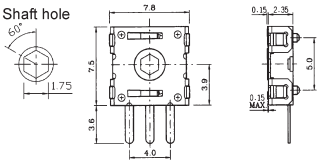
P69091
7mm Rotary encoder
DC 10V 0.01A





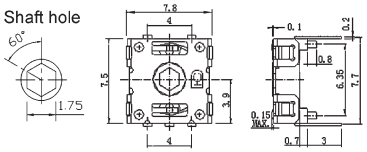
P69095
7mm Rotary encoder
DC 10V 0.01A





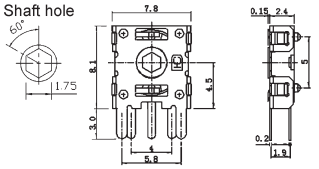
P69093
7mm Rotary encoder
DC 10V 0.01A





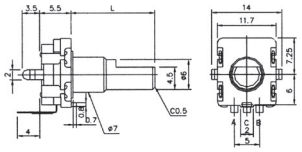
P69097
7mm Rotary encoder
DC 10V 0.01A





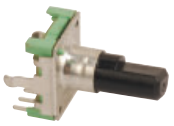
P69111
11mm Rotary encoder
DC 5V 0.01A

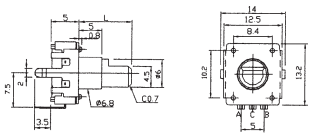




P69131
13mm Rotary encoder
DC 5V 0.0005A

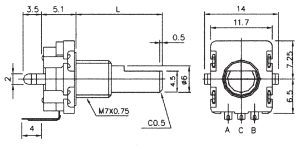
Code	A	B	C	D
Shaft length	17.5	20	22.5	25





P69112
11mm Rotary encoder
DC 5V 0.01A
Screw type

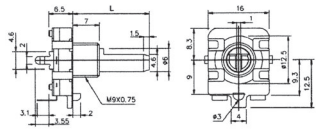




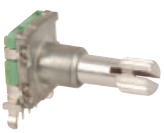
P6916A /B /C
16mm Rotary encoder
DC 5V 0.0005A & 24 pulses
Screw type

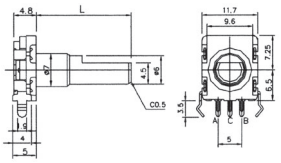
Code	A	B	C
Shaft length	15	20	25



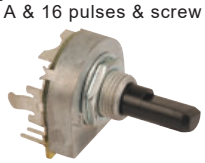


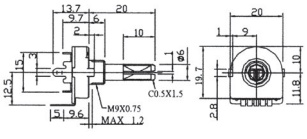
P69113
11mm Right angle rotary encoder
DC 5V 0.01A



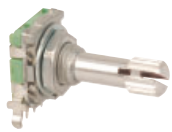


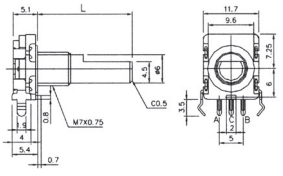
P69201
20mm Rotary encoder
DC 10V 0.01A & 16 pulses & screw type
4Bit binary





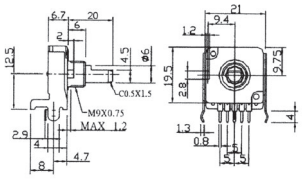
P69114
11mm Right angle rotary encoder
DC 5V 0.01A
Screw type





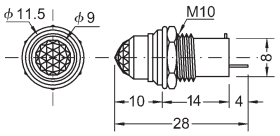
P69202
20mm Right angle rotary encoder
DC 10V 0.01A & 16 pulses & screw type
4Bit binary





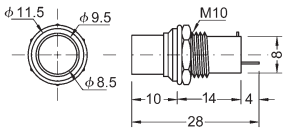
R700
Indicator light
W/O bulb E-5





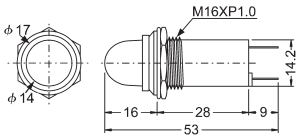
R701
Indicator light
W/O bulb E-5





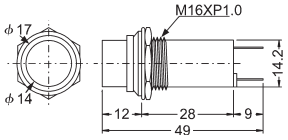
R702
Indicator light
W/O bulb E-10





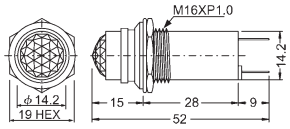
R703
Indicator light
W/O bulb E-10





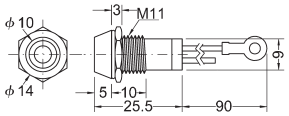
R704
Indicator light
W/O bulb E-10





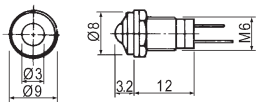
R705
Indicator light
DC 12V





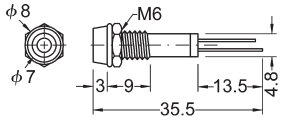
R729R /G /Y
3mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





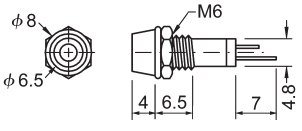
R730R /G /Y
3mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





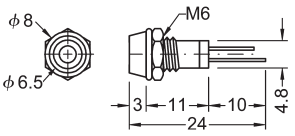
R731R /G /Y
3mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





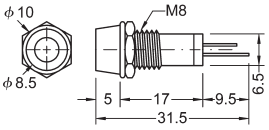
R732R /G /Y
3mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





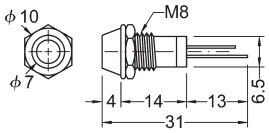
R733R /G /Y
5mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow



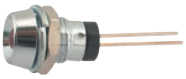


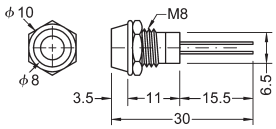
R734R /G /Y
5mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





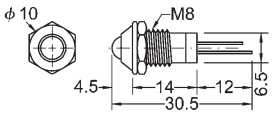
R735R /G /Y
5mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





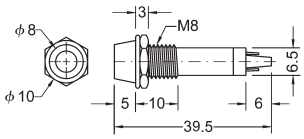
R736R /G /Y
5mm LED indicator light
2V W/O resistor
R:red
G:green
Y:yellow





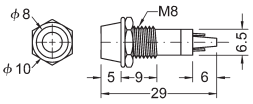
R750
Neon indicator light
W/resistor 110V/220V





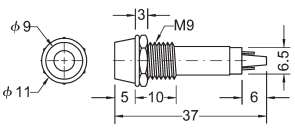
R751
Neon indicator light
W/O resistor





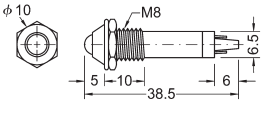
R752
Neon indicator light
W/resistor 110V/220V





R754
Neon indicator light
W/resistor 110V/220V

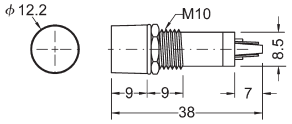




R756
Neon indicator light
W/resistor 110V/220V

R756F
Fluo
(blue.
green)
R75612V
12V

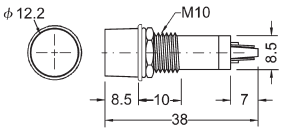




R757
Neon indicator light
W/resistor 110V/220V

R757F
Fluo (blue. green)

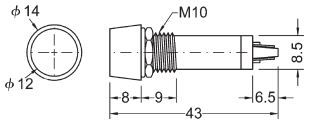




R758
Neon indicator light
W/resistor 110V/220V

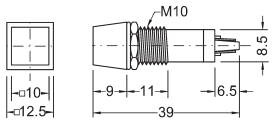
R758F
Fluo (blue. green)





R760
Neon indicator light
W/resistor 110V/220V
R760F
Fluo
(blue.
green)
R76012V
12V

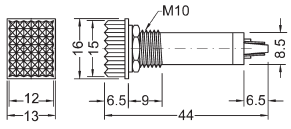




R761
Neon indicator light
W/resistor 110V/220V

R761F
Fluo (blue. green)

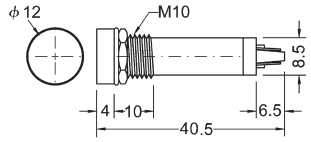




R762
Neon indicator light
W/resistor 110V/220V

R762F
Fluo (blue. green)

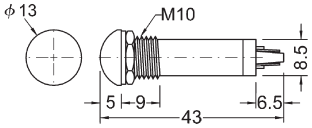




R763
Neon indicator light
W/resistor 110V/220V

R763F
Fluo (blue. green)

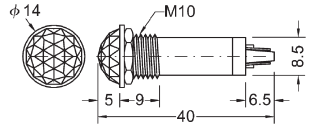




R764A
Neon indicator light
W/resistor 110V/220V

R764AF
Fluo (blue. green)

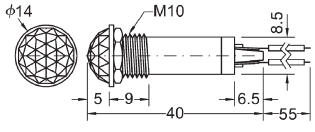




R764B
Neon indicator light
W/resistor 110V/220V

R764BF
Fluo (blue. green)

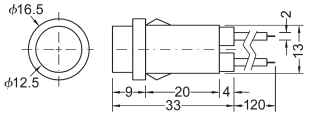




R765
Neon indicator light
W/resistor 110V/220V

R765F
Fluo (blue. green)

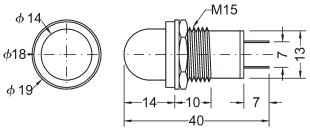




R767
Neon indicator light
W/resistor 110V/220V

R767F
Fluo (blue. green)

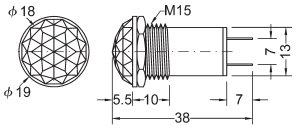




R768
Neon indicator light
W/resistor 110V/220V

R768F
Fluo (blue. green)

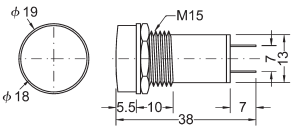




R770
Neon indicator light
W/resistor 110V/220V

R770F
Fluo (blue. green)

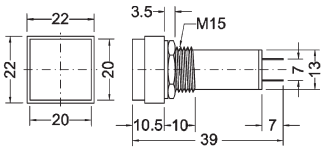




R772
Neon indicator light W/resistor 110V/220V

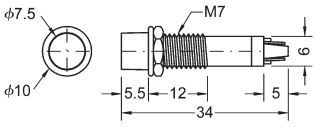
R772F
Fluo (blue. green)





R777
Miniature neon indicator light
W/resistor 110V/220V
R777F
Fluo (blue. green)

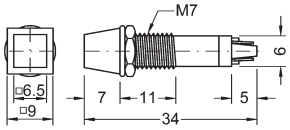




R77712V
12V

R778
Miniature neon indicator light
W/resistor 110V/220V
R778F
Fluo (blue. green)

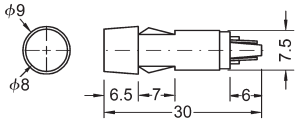




R77812V
12V

R7790
Miniature neon indicator light
W/resistor 110V/220V
R7790F
Fluo (blue. green)

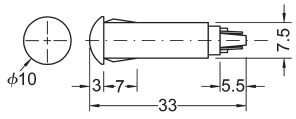




R779012V
12V

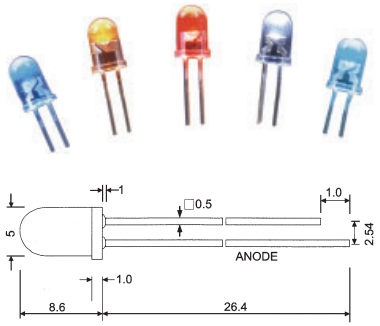
R7791
Miniature neon indicator light
W/resistor 110V/220V
R7791F
Fluo (blue. green)





R779112V
12V

5mm Super bright LED



Item No.	Color	Wavelength (nm)	VF (V)	Luminous intensity (mcd)	Viewing angle
R786502	blue	470	3.2	7500	15
R786512		470	3.2	5700	30
R786521	green	505	3.5	7000	15
R786541		525	3.5	10000	15
R786551		525	3.5	9000	30
R786555		525	3.5	8000	45
R786560	yellow	588	2.3	10500	15
R786570		588	2.3	9000	30
R786580	red	625	2.2	10500	15
R786590		625	2.2	9000	30
R786610	UV	395	3.5	50	30

R7870
3mm LED round type (26.4mm lead)
B : red 700nm 5mcd
C : green 568nm 25mcd
D : yellow 590nm 20mcd
E : orange 630nm 25mcd



R787701
5mm LED bi-color type (25mm lead)
red 697nm 2mcd & green 565nm 8mcd



R7871
5mm LED round type (26.4mm lead)
B : red 700nm 6mcd
C : green 568nm 40mcd
D : yellow 590nm 35mcd
E : orange 630nm 40mcd
H : hi-red 660nm 150mcd



R787702
2 x 5mm LED bi-color type (27.5mm lead)
red 635nm 6mcd & green 568nm 6mcd



R78721
1 x 5mm LED rectangular type (26mm lead)
B : red 697nm 1.8mcd
C : green 565nm 2.4mcd
D : yellow 585nm 2.4mcd
E : orange 635nm 2.4mcd



R787710
5mm LED blinking type (25.4mm lead)
B : red 660nm 1mcd
C : green 570nm 13mcd
D : yellow 589nm 10mcd
E : orange 635nm 10mcd



R7873
2 x 5mm LED rectangular type (25.4mm lead)
B : red 700nm 1mcd
C : green 570nm 8mcd
D : yellow 589nm 6mcd
E : orange 625nm 7mcd



R787711
3mm LED blinking type (25.4mm lead)
B : red 700nm 1.0mcd
C : green 570nm 8.0mcd
D : yellow 589nm 5.5mcd
E : orange 630nm 5.0mcd



R78741
3 x 5.7mm LED cylindric type (25mm lead)
B : red 697nm 1.0mcd
C : green 565nm 6.5mcd
D : yellow 585nm 4.0mcd
E : orange 635nm 5.0mcd



R787720
5mm photo transistor type (18mm lead)



R7876
3 x 4.6mm LED triangular type (25.4mm lead)
B : red 700nm 3mcd
C : green 565nm 5mcd
D : yellow 585nm 5mcd
E : orange 630nm 5mcd



R787721
3mm photo transistor type (13.5mm lead)



R7877
5mm LED bi-color type (20mm lead)
red 697nm 3mcd & green 565nm 12mcd

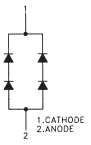


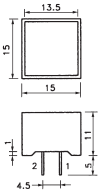
R7878
5mm infrared emitting diodes (26mm lead)

R787801
3mm infrared emitting diodes (26mm lead)

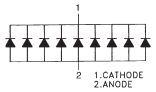


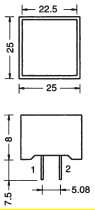
R787830
LED light bar (15mm x 15mm)
B : hi-red (660nm 8mcd)
C : green (565nm 6mcd)
D : yellow (585nm 4mcd)

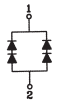
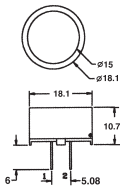


R787831
LED light bar (25mm x 25mm)
B : hi-red (660nm 8.0mcd)
C : green (565nm 1.5mcd)
D : yellow
(585nm 1.5mcd)

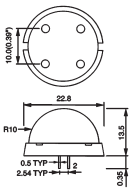


R787834
18mm Round light bar
B : hi-effi. red (660nm 8.0mcd)
C : green (565nm 1.5mcd)
D : yellow (585nm 1.5mcd)

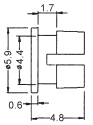




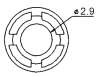
R787837
20mm Jumbo LED lamp
B : hi-effi. red (630nm 30mcd)
C : green (565nm 30mcd)
D : yellow (585nm 25mcd)



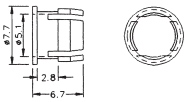



R787861
3mm LED holder (W/O LED)

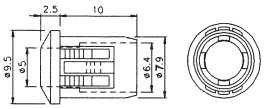





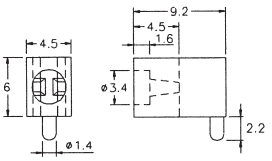
R78786A
5mm LED holder (W/O LED)

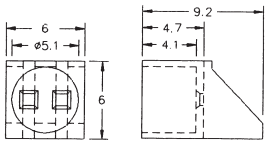
R787862
5mm LED holder (W/O LED)

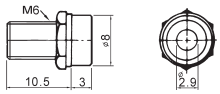
R787865
3mm LED holder (W/O LED)

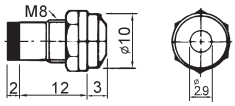
R787866
5mm LED holder (W/O LED)

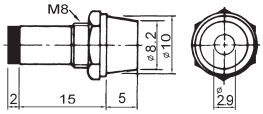
R7878950
3mm LED holder (W/O LED)
chrome barrel

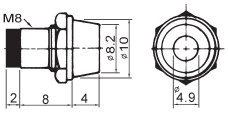
R7878952
3mm LED holder (W/O LED)
chrome barrel/ABS base

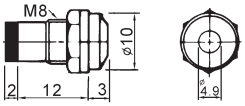
R7878954
3mm LED holder (W/O LED)
chrome barrel/ABS base

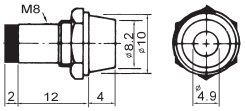
R7878960
5mm LED holder (W/O LED)
chrome barrel/ABS base

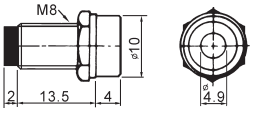
R7878962
5mm LED holder (W/O LED)
chrome barrel/ABS base

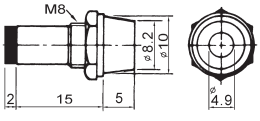
R7878964
5mm LED holder (W/O LED)
chrome barrel/ABS base

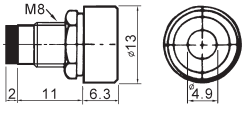
R7878966
5mm LED holder (W/O LED)
chrome barrel/ABS base

R7878968
5mm LED holder (W/O LED)
chrome barrel/ABS base

R7878970
5mm LED holder (W/O LED)
chrome barrel/ABS base

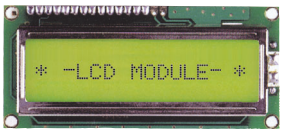
Character LCD module feature:
5V or 3.3V single power input. Built-in DC / DC converter
While using 3.3V power input.
.Stn yellow green type LCD
.Normal temperature type

Graphic LCD module feature:
Besides +5V for logic circuit, -5V is needed for LCD driving
(optional DC / DC converter)
.Stn gray type LCD
.Normal temperature type

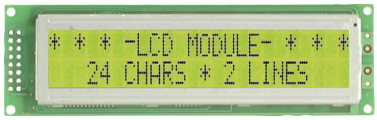
A: None backlight (reflective type / 6:00 view)
B: 5V yellow green LED backlight (transflective type / 6:00 view)
C: 5V blue LED backlight (transflective type / 6:00 view)
D: 5V white LED backlight (transflective type / 6:00 view)

Item No.	R78902~R78922	R78931	R78934	R78940
Controller	KS0066U	SED1520	KS0108B	T6963C
Pin No.	Interface	Interface	Interface	Interface
1	Vss	Vss	Vss	FGND
2	Vdd	Vdd	Vdd	Vss
3	Vo	Vo	Vo	Vdd
4	Rs	Ao	RS	Vo
5	R/W	CS1	R/W	/WR
6	E	CS2	E	/RD
7	DB0	CL	DB0	/CE
8	DB1	/RD	DB1	C/D
9	DB2	/WR	DB2	RV
10	DB3	DB0	DB3	/ RESET
11	DB4	DB1	DB4	DB0
12	DB5	DB2	DB5	DB1
13	DB6	DB3	DB6	DB2
14	DB7	DB4	DB7	DB3
15	LEDA	DB5	CS1	DB4
16	LEDK	DB6	CS2	DB5
17		DB7	/RES	DB6
18		RES	Vee	DB7
19		LEDA	LEDA	FS
20		LEDK	LEDK	Vee

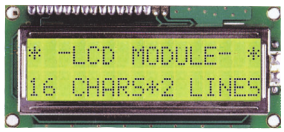
R78902A /B
Character LCD module 16 chars x 1 line 1/16 duty
A : 80 x 36 x 10mm B : 80 x 36 x 14.5mm
View area : 65 x 14mm (character : 3.07 x 6.56mm)



R78920A /B
Character LCD module 24 chars x 2 lines 1/16 duty
A : 118 x 36 x 9.5mm B : 118 x 36 x 14.7mm
View area : 94.5 x 18mm (character : 3.2 x 5.55mm)



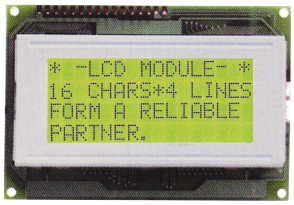
R78908A /B
Character LCD module 16 chars x 2 lines 1/16 duty
A : 80 x 36 x 10mm B : 80 x 36 x 14.5mm
View area : 64 x 17.2mm (character : 2.95 x 5.55mm)



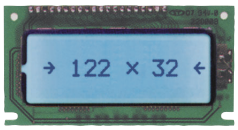
R78922A /B
Character LCD module 40 chars x 2 lines 1/16 duty
A : 182 x 33.5 x 10.5mm B : 182 x 33.5 x 14mm
View area : 154 x 16.5mm (character : 3.2 x 5.55mm)



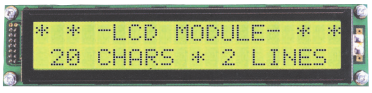
R78915A /B
Character LCD module 16 chars x 4 lines 1/16 duty
A : 87 x 60 x 11mm B : 87 x 60 x 14mm
View area :
61.4 x 25mm
(character :
2.95 x 4.75mm)



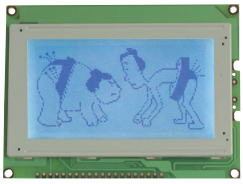
R78931A /C /D
Graphic LCD module 122 x 32 dots 1/32 duty
A : 84 x 44 x 10.5mm C/D : 84 x 44 x 15.5mm
View area : 60.5 x 18.5mm
Dot size : 0.4 x 0.45mm



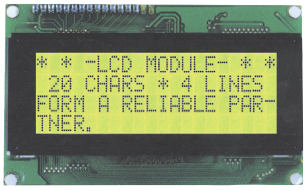
R78916A /B
Character LCD module 20 chars x 2 lines 1/16 duty
A : 116 x 37 x 10mm B : 116 x 37 x 14.5mm
View area : 83 x 18.5mm (character : 3.2 x 5.55mm)



R78934A /C /D
Graphic LCD module 128 x 64 dots 1/64 duty
A : 93 x 70 x 9.5mm C/D : 93 x 70 x 14.5mm
View area : 71.7 x 39mm
Dot size : 0.48 x 0.48mm



R78918A /B
Character LCD module 20 chars x 4 lines 1/16 duty
A : 98 x 60 x 10.5mm B : 98 x 60 x 14.5mm
View area :
76 x 25.2mm
(character :
2.95 x 4.75mm)

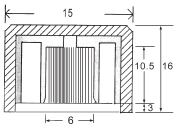


R78940A /C /D
Graphic LCD module 240 x 64 dots 1/64 duty
A : 180 x 65 x 15.5mm C/D : 180 x 65 x 15.5mm
View area : 132 x 39mm
Dot size :
0.49 x 0.49mm



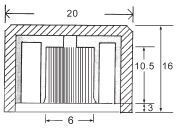
S87310A
Aluminum shell knob
insert type





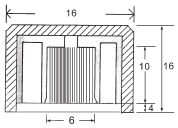
S87310B
Aluminum shell knob
insert type





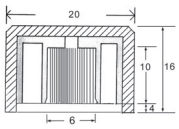
S87313A
Aluminum shell knob
insert type



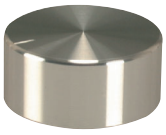


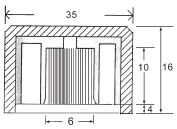
S87313B
Aluminum shell knob
insert type



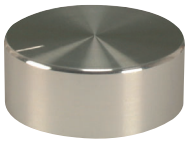


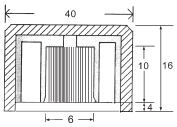
S87313C
Aluminum shell knob
insert type





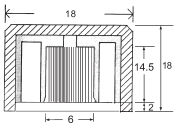
S87313D
Aluminum shell knob
insert type





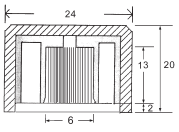
S87315A
Aluminum shell knob
insert type





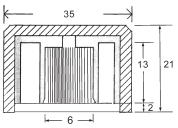
S87315B
Aluminum shell knob
insert type





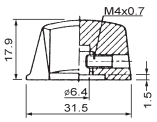
S87315C
Aluminum shell knob
insert type





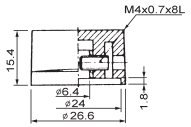
S8751
Bakelite knob
screw type





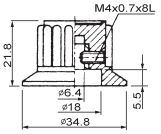
S8752
Bakelite knob
screw type





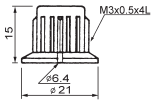
S8753
Bakelite knob
screw type





S8754
Bakelite knob
screw type

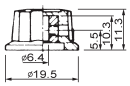




S8859
Bakelite knob
screw type

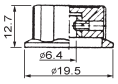
Color knob :
red yellow
blue green





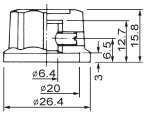
S8860
Bakelite knob
screw type





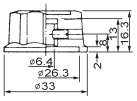
S8861
Bakelite knob
screw type





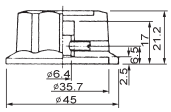
S8862
Bakelite knob
screw type





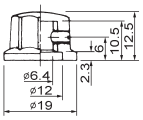
S8863
Bakelite knob
screw type





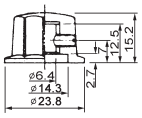
S8864
Bakelite knob
screw type





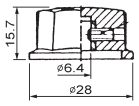
S8865
Bakelite knob
screw type





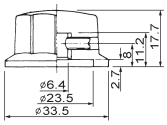
S88651
Bakelite knob
screw type





S8866
Bakelite knob
screw type

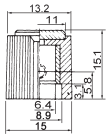




S8870
Plastic knob
screw type

Color knob :
red yellow
blue green

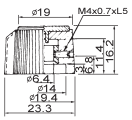




S8871
Plastic knob
screw type

Color knob :
red yellow
blue green

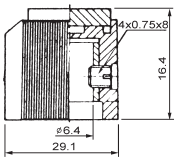




S88711
Plastic knob
screw type

Color knob :
red yellow
blue green

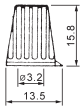




S88719
Plastic knob
insert type

Color knob :
red yellow
blue green

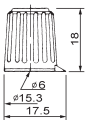




S8872
Plastic knob
insert type

Color knob :
red yellow
blue green

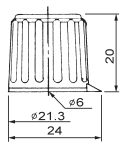




S8873
Plastic knob
insert type

Color knob :
red yellow
blue green

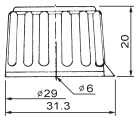




S8874
Plastic knob
insert type

Color knob :
red yellow
blue green

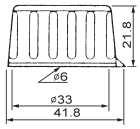




S88741
Plastic knob
insert type

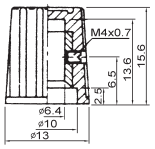
Color knob :
red yellow
blue green





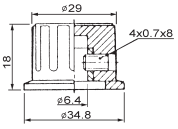
S8875
Bakelite knob
screw type





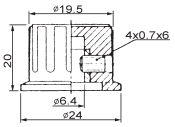
S8876
Bakelite knob
screw type





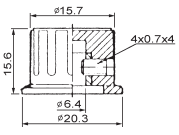
S8877
Bakelite knob
screw type





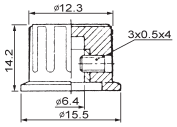
S8878
Bakelite knob
screw type





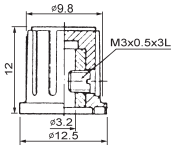
S88879
Bakelite knob
screw type





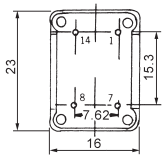
S88791
Bakelite knob
screw type





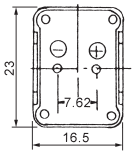
W940A Solid state magnetic transducer 6V/30mA 80dB
W940B Solid state magnetic transducer 12V/30mA 88dB





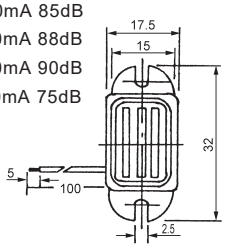
W941B Solid state magnetic transducer 1.5V/30mA 75dB
W941C Solid state magnetic transducer 3V/30mA 75dB
W941D Solid state magnetic transducer 6V/30mA 80dB
W941E Solid state magnetic transducer 12V/30mA 88dB
W941F Solid state magnetic transducer 24V/30mA 90dB





W944A Solid state magnetic transducer 3V/30mA 80dB
W944B Solid state magnetic transducer 6V/30mA 85dB
W944C Solid state magnetic transducer 12V/30mA 88dB
W944D Solid state magnetic transducer 24V/30mA 90dB
W944E Solid state magnetic transducer 1.5V/30mA 75dB

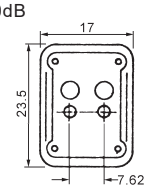




Standard lead length 100mm.

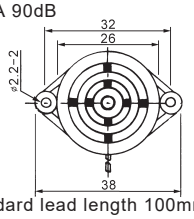
W943B Solid state magnetic transducer 1.5V/28mA 78dB
W943C Solid state magnetic transducer 3V/30mA 80dB
W943D Solid state magnetic transducer 6V/30mA 85dB
W943E Solid state magnetic transducer 12V/30mA 88dB
W943F Solid state magnetic transducer 24V/30mA 90dB





W945A Solid state magnetic transducer 3V/30mA 80dB
W945B Solid state magnetic transducer 6V/30mA 85dB
W945C Solid state magnetic transducer 12V/40mA 88dB
W945D Solid state magnetic transducer 24V/40mA 90dB

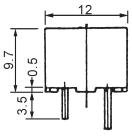




Standard lead length 100mm.

W947A Magnetic transducer 1.5Vp-p 2.4KHz/80dB
W947B Magnetic transducer 6Vp-p 2.4KHz/85dB
W947C Magnetic transducer 12Vp-p 2.4KHz/85dB

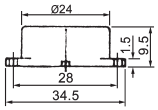




ElectromAgnetic sound transducer

W951 Piezo buzzer 12V/10mA 3.8KHz/90dB

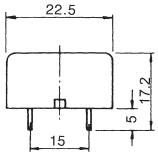




Standard lead length 100mm.

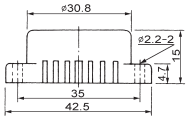
W948 Piezo buzzer 12V/10mA 3.8KHz/90dB





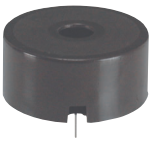
W952 Piezo buzzer 12V/15mA 3.4KHz/98dB

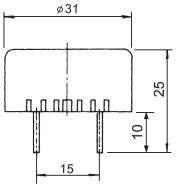




Standard lead length 100mm.

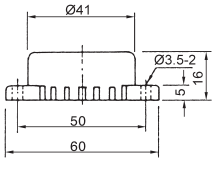
W953 Piezo buzzer 12V/15mA 3.4KHz/98dB





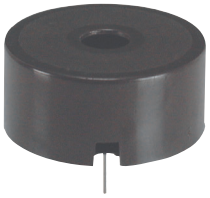
W954 Piezo buzzer 12V/15mA 2.8KHz/100dB

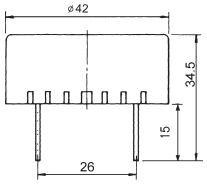




Standard lead length 100mm.

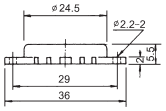
W955 Piezo buzzer 12V/15mA 2.8KHz/100dB





W960 Piezo buzzer 12Vp-p 6.5KHz/80dB W/O feedback tab

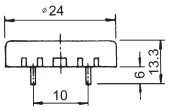




Standard lead length 150mm.

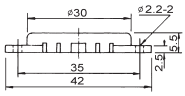
W961 Piezo buzzer 9Vp-p 4KHz/90dB W/O feedback tab





W962 Piezo buzzer 12Vp-p 4KHz/85dB W/O feedback tab

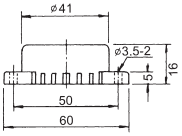




Standard lead length 150mm.

W964 Piezo buzzer 12Vp-p 2.9KHz/85dB W/O feedback tab

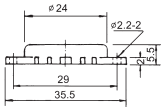




Standard lead length 200mm.

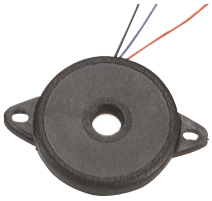
W970 Piezo buzzer 12Vp-p 6.5KHz/85dB

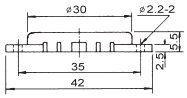




Standard lead length 150mm.

W972 Piezo buzzer 12Vp-p 3.4KHz/85dB

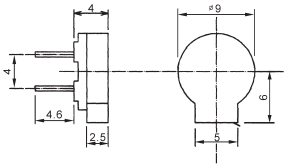




Standard lead length 150mm.

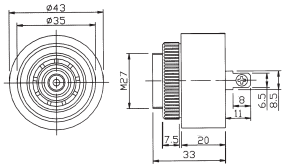
W9730B Magnetic transducer 1.5Vp-p 2.7KHz/80dB
W9730C Magnetic transducer 3Vp-p 2.7KHz/90dB
W9730D Magnetic transducer 5Vp-p 2.7KHz/85dB





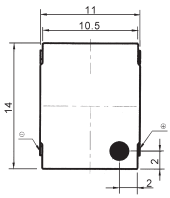
W9735 Piezo buzzer 12V/20mA 2.9KHz/80dB
Tone nature
A: continuous
B: fast pulse
C: slow pulse
D: continuous
fast pulse
E: fast pulse
slow pulse



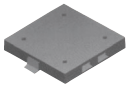


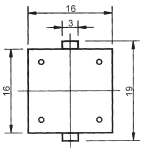
W9743C Magnetic transducer 3V/90mA 3.2KHz/87dB(SMD type)
W9743D Magnetic transducer 5V/90mA 3.2KHz/87dB(SMD type)





W9745 Piezo buzzer 3Vp-p 4KHz/70dB (SMD type)





W974610
Piezo siren
◎59 x 45 x 40mm / 65g
◎DC 12V/250mA
◎100dB/1M
◎Tone : G. G. G.

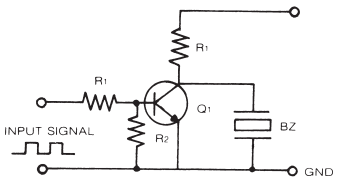


W974612A /C
Piezo siren
◎80ø x 75mm / 213g
◎DC 12V/300mA
◎105dB/1M
◎Tone
A : 16 - 18 cyc /min
C : 100 -120 cyc /min

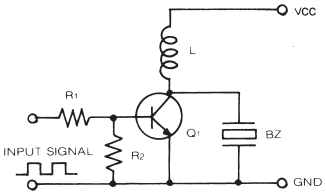


Recommended circuit (for W940A~W9745)

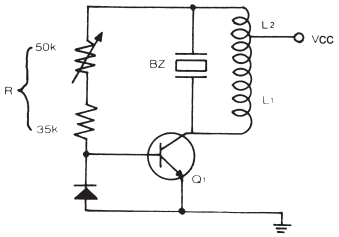
•Application circuit



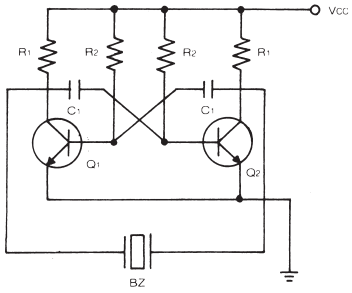
Load resistance type



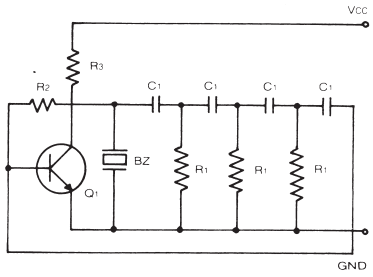
Load inductance type



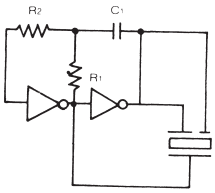
Blocking oscillation type



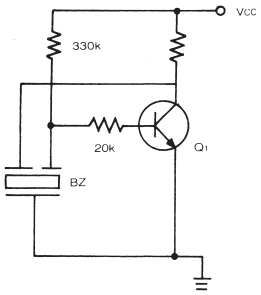
Multivibrator type



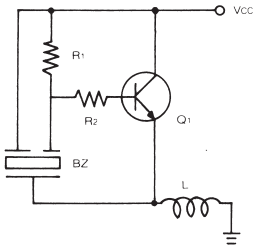
Phase-shifter type



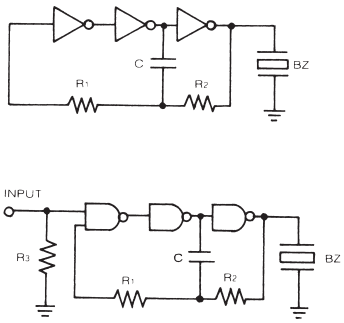
Self oscillation circuit
(IC type)



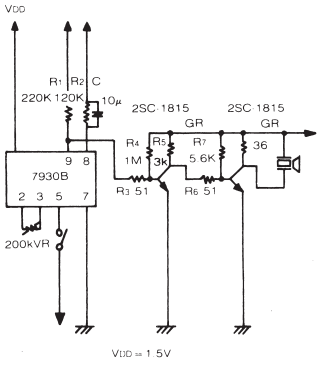
Self oscillation circuit
(Tr type)



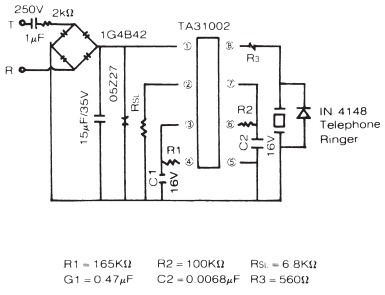
Self-oscillation circuit
(Tr type)



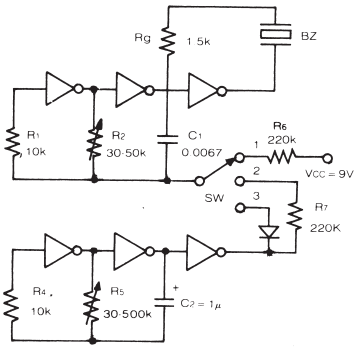
IC oscillation circuit



Melody IC type



Telephone ringer type



IC oscillation circuit
(multi tone type)

W98100A /B
Illuminated emergency exit sign
◎Maintained 3 hours
◎Can reach to IP42
◎370 x 178 x 73.5 mm
◎Lamp
A : T5/8W
B : LED



W98102A /B
Illuminated emergency exit sign
◎Maintained 3 hours
◎Can reach to IP20
◎377 x 188 x 60 mm
◎Lamp
A : T5/8W
B : LED



W98104A /B
Illuminated emergency exit sign
◎Double sided legend panel
◎Maintained 3 hours
◎Can reach to IP20
◎Viewing distance : 35M
◎415 x 200 x 8 mm
◎Lamp
A : T5/8W
B : LED



W98106A /B
Illuminated emergency exit sign
◎Maintained 3 hours
◎Can reach to IP20
◎Viewing distance : 40M
◎415 x 200 x 8 mm
◎Lamp
A : T5/8W
B : LED



W98130
LED emergency light
◎0.07W x 36pcs LED
◎3.6V / 700mAh (Ni-Cd battery)
◎Rated voltage : AC 110 / 220V
◎Rated current : 0.08 / 0.15A
◎Rated frequency : 50 / 60Hz
◎Charging time : 48HR
◎Discharging time : 1.5HR
◎145 x 75 x 35 mm



W98132
LED emergency light
◎0.07W x 24pcs LED
◎3.6V / 700mAh (Ni-Cd battery)
◎Rated voltage : AC 110 / 220V
◎Rated current : 0.1A
◎Rated frequency : 60Hz
◎Charging time : 48HR
◎Discharging time : 1.5HR
◎160 x 90 x 50 mm



W98140A /B
Round emergency broadcasting speaker
◎4" Cone type speaker
◎Ceiling / wall
◎AC 100V
◎92dB/1M
◎Material : ABS
◎190ø x 58 mm
A : 3W
B : 5W



W98142A /B
Square emergency broadcasting speaker
◎4" Cone type speaker
◎Ceiling / wall
◎AC 100V
◎92dB/1M
◎Material : ABS
◎155 x 155 x 64 mm
A : 3W
B : 5W



W98300
LED inspection light
◎DC 5V/0.5A
◎3.7V / 800mAh (Li-ion battery)
◎22.9 x 26.4 x 170 mm
◎High : 100lm
Top : 85lm





W98310
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎32.3 x 34.4 x 190.7 mm
◎High : 550lm
Low : 280lm





W98302
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎34 x 28.7 x 375.2 mm
◎High : 720lm
Low : 380lm
Top : 58lm





W98312
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎46 x 46 x 211 mm
◎High : 800lm
Low : 400lm
Top : 250lm





W98304
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎46.5 x 44.5 x 447 mm
◎High : 700lm
Low : 350lm
Top : 100lm





W98314
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎45 x 34 x 200.8 mm
◎High : 800lm
Low : 460lm
Top : 160lm





W98306
LED inspection light
◎DC 5V/1A
◎3.7V / 3350mAh (Li-ion battery)
◎45.9 x 49.3 x 311.5 mm
◎High : 700lm
Low : 350lm
Top : 100lm





W98320
LED inspection light
◎DC 5V/1A
◎3.7V / 4400mAh (Li-ion battery)
◎41.4 x 58.4 x 217.1 mm (w/o holder)
◎High : 800lm
Low : 400lm





W98330
LED floodlight
◎DC 9V/2A
◎7.4V / 3350mAh (Li-ion battery)
◎183.8 x 66.1 x 158.7 mm
◎High : 1300lm
Low : 640lm



Haken 2M
High: 2H
Low: 4H
IP66

W98340
LED searchlight
◎DC 9V/2A
◎7.4V / 3350mAh (Li-ion battery)
◎126(dia) x 64 x 250 mm
◎Spot : 2500lm



Haken 1M
IP66
2.5H

W98332
LED floodlight
◎DC 9V/2A
◎7.4V / 3350mAh (Li-ion battery)
◎183.8 x 66.1 x 158.7 mm
◎High : 1300lm
Low : 700lm
Spot : 350lm
Full : 640lm



Haken 2M
High: 2H
Low: 4H
Spot: 3H
Full: 2.4H
IP66

W98342
LED searchlight
◎DC 12V/24V
◎121(dia) x 60.4 x 251.6 mm
◎Spot : 4000lm



Haken 1M
IP66

W98334
LED floodlight
◎DC 16.8V/2.1A
◎14.8V / 5200mAh (Li-ion battery)
◎271.8 x 86.4 x 222.1 mm
◎High : 2640lm
Low : 1340lm



Haken 2M
High: 4H
Low: 8.3H
IP66

W98336
LED floodlight
◎DC 18V/2A
◎7.4V / 3350mAh x 4pcs (Li-ion battery)
◎173.3 x 126 x 225 mm
◎High : 1600lm
Low : 800lm



Haken 1M
High: 4H
Low: 7H
IP65

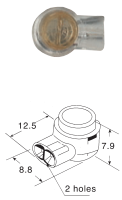
W98344
LED floodlight
◎AC 100-240V
◎12V / 14Ah (Lead-acid battery)
◎728 x 239.2 x 218.4 mm (collapsed size)
◎Extension length of shaft : 730mm-1800mm
◎High : 2400lm
Low : 1100lm



IP66
(for Lamp)
High: 4.5H
Low: 8.5H

Splicing connectors for telecommunication

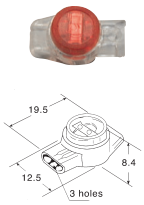
X97600



X97601



X97602



Feature

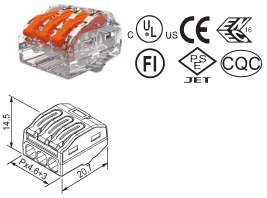
•Making a clean, solid and rapid connection of you wires to keep your communication lines free of noise.

•**X97600-X97602** are available to handle a wide range of conductor sizes and applications.

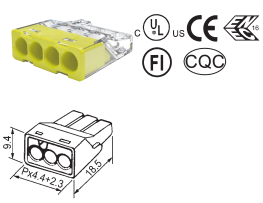
•The small size allows you to handle higher pair count splicing while keeping the bundle O.D. to a minimum.

Splicing connectors for electrical industry

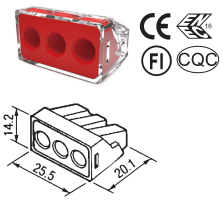
X97620
A: 2P B: 3P D: 5P



X97622
A: 2P(red) B: 3P(orange)
C: 4P(yellow)



X97624
B: 3P



Feature

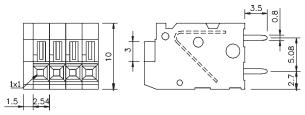
•Wire range
X97620 : 0.2 to 4mm²
X97622 : 0.5 to 2.5mm²
X97624 : 2.5 to 6.0mm²

•Transparent body for visual inspection shows whether the conductor is inserted properly and stripped to the correct length.

•All connectors are with test ports, provide convenient testing conditions.

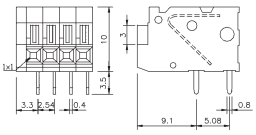
X97652A /B
2.54mm Terminal block
A: 2P
B: 3P





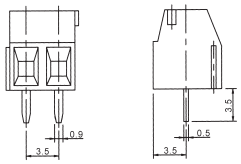
X97653A /B
2.54mm Terminal block (right angle)
A: 2P
B: 3P





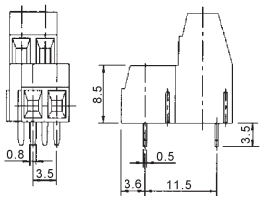
X97655A /B
3.5mm Terminal block
A: 2P
B: 3P





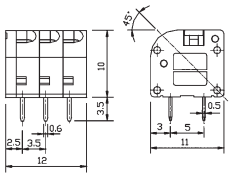
X97660A /B
3.5mm Terminal block (double deck)
A: 2P x 2
B: 3P x 2





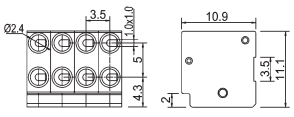
X97661
3P 3.5mm Terminal block
Color : Blue-Blue-Gray





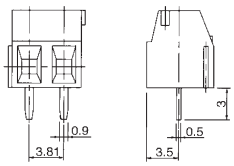
X97662
3.5mm Terminal block
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J:10P K:11P L:12P
Color : red black
yellow white





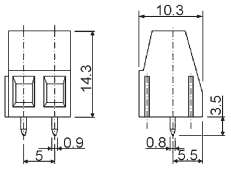
X97663A /B
3.81mm Terminal block
A: 2P
B: 3P





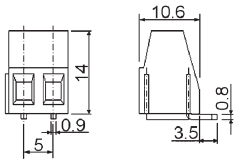
X97700A /B
5mm Terminal block
A: 2P
B: 3P





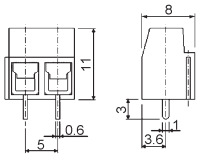
X97701A /B
5mm Terminal block (right angle)
A: 2P
B: 3P





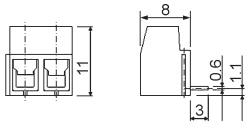
X97702A /B
5mm Terminal block
A: 2P
B: 3P





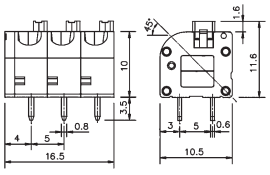
X97703A /B
5mm Terminal block (right angle)
A: 2P
B: 3P





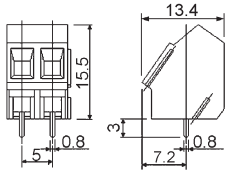
X97709
3P 5mm Terminal block
Color : Yellow-Yellow-Red





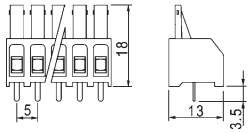
X97710A /B
5mm Terminal block
A: 2P
B: 3P





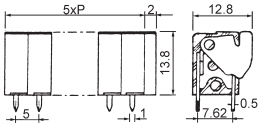
X97711A /B
5mm Terminal block
A: 2P
B: 3P





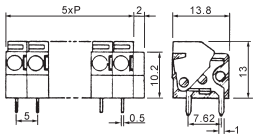
X97712A /B
5mm Terminal block
A: 2P
B: 3P





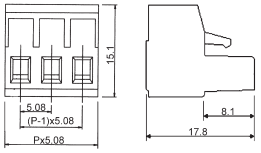
X97713A /B
5mm Terminal block
A: 2P
B: 3P





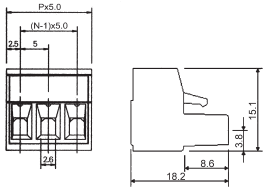
X97719
5.08mm Male terminal block
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





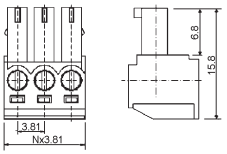
X97720
5mm Male terminal block
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





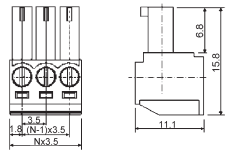
X97721
3.81mm Male terminal block
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





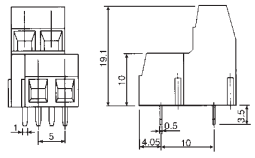
X97722
3.5mm Male terminal block
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





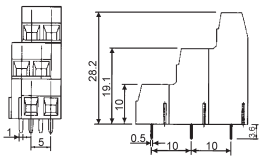
X977165A /B
5.08mm Terminal block (double deck)
A: 2P x 2
B: 3P x 2





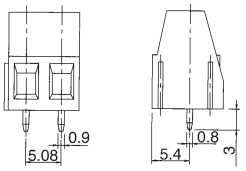
X97715A /B
5mm Terminal block (triple deck)
A: 2P x 3
B: 3P x 3





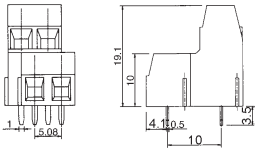
X97716A /B
5.08mm Terminal block
A: 2P
B: 3P





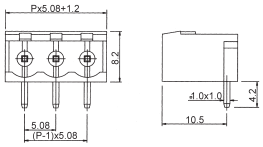
X977165A /B
5.08mm Terminal block (double deck)
A: 2P x 2
B: 3P x 2



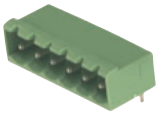


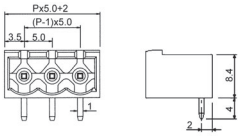
X977191
5.08mm Female terminal block (right angle)
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





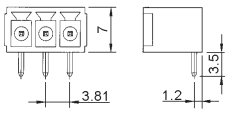
X977201
5mm Female terminal block (right angle)
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





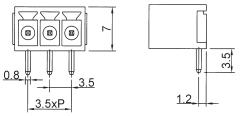
X977211
3.81mm Female terminal block (right angle)
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





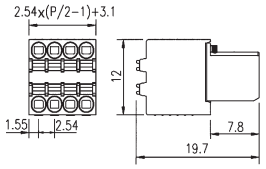
X977221
3.5mm Female terminal block (right angle)
A: 2P B: 3P C: 4P D:5P
E: 6P F: 7P G: 8P H:9P
J :10P K:11P L:12P





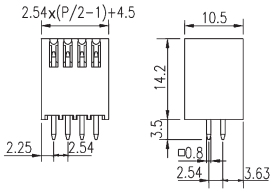
X9773Axx
2.54mm Male terminal block
06~44 pin





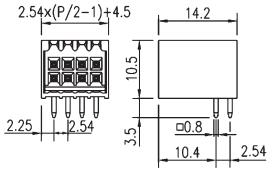
X9773Bxx
2.54mm Female terminal block
06~44 pin





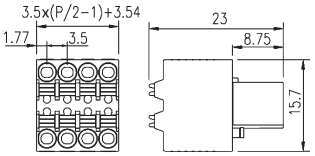
X9773Cxx
2.54mm Female terminal block (right angle)
06~44 pin





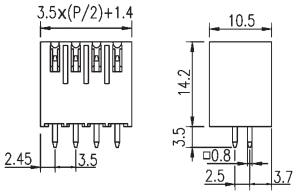
X9773Dxx
3.5mm Male terminal block
04~44 pin





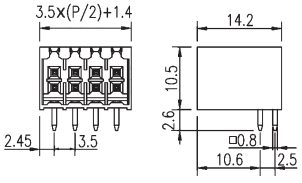
X9773Exx
3.5mm Female terminal block
04~44 pin





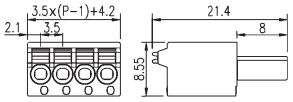
X9773Fxx
3.5mm Female terminal block (right angle)
04~44 pin



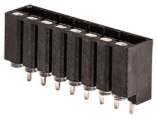


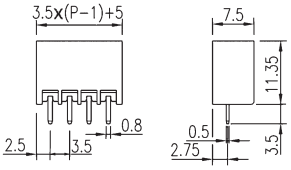
X9773Gxx
3.5mm Male terminal block
With light pipe
02~24 pin





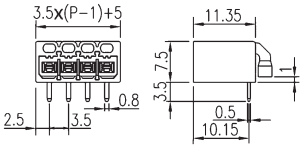
X9773Hxx
3.5mm Female terminal block
With light pipe
02~24 pin



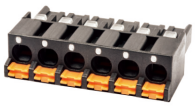


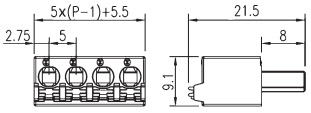
X9773Jxx
3.5mm Female terminal block (right angle)
With light pipe
02~24 pin



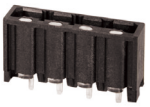


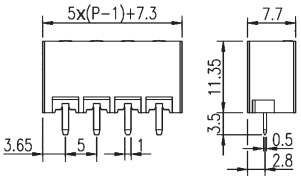
X9773Kxx
5mm Male terminal block
With light pipe
02~16 pin





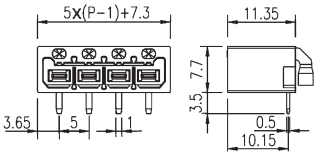
X9773Lxx
5mm Female terminal block
With light pipe
02~16 pin





X9773Mxx
5mm Female terminal block (right angle)
With light pipe
02~16 pin

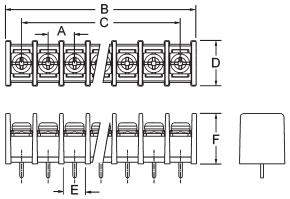




Terminal block
02-30 pin

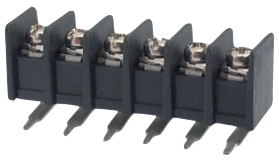
: X977A~X977E
: X977F

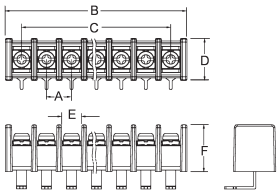




Item	A	B	C	D	E	F	Rated
X977Axx	6.35	(6.35xP)+2	6.35x(P-1)	14.0	5.5	15.0	250V10A
X977Bxx	7.62	(7.62xP)+2	7.62x(P-1)	13.0	6.5	14.2	300V10A
X977Cxx	8.25	(8.25xP)+2	8.25x(P-1)	14.0	6.5	15.0	300V15A
X977Dxx	9.5	(9.5xP)+2	9.5x(P-1)	16.5	8.0	18.8	300V15A
X977Exx	10	(10xP)+2	10x(P-1)	15.5	8.0	18.5	300V20A
X977Fxx	11	(11xP)+2	11x(P-1)	16.8	9.5	18.4	300V30A

Terminal block (right angle)
02-30 pin



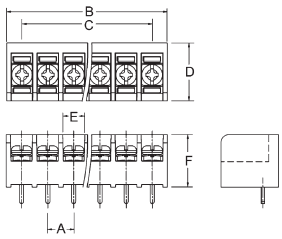


Item	A	B	C	D	E	F	Rated
X977Gxx	6.35	(6.35xP)+2	6.35x(P-1)	13.7	5.4	14.7	300V10A
X977Hxx	7.62	(7.62xP)+2	7.62x(P-1)	13.0	6.5	14.2	300V10A
X977Jxx	8.25	(8.25xP)+2	8.25x(P-1)	14.0	6.5	15.0	300V15A
X977Kxx	9.5	(9.5xP)+2	9.5x(P-1)	16.5	8.0	18.8	300V15A
X977Lxx	10	(10xP)+2	10x(P-1)	15.5	8.0	18.5	300V20A
X977Mxx	11	(11xP)+2	11x(P-1)	16.8	9.5	18.4	300V30A

Terminal block
02-30 pin

: X977P X977S
: X977Q X977R



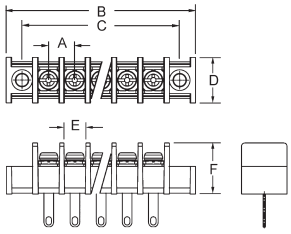


Item	A	B	C	D	E	F	Rated
X977Pxx	6.35	(6.35xP)+2	6.35x(P-1)	14.0	5.1	12.8	300V10A
X977Qxx	8.25	(8.25xP)+2	8.25x(P-1)	15.2	7.0	12.6	300V15A
X977Rxx	9.5	(9.5xP)+2	9.5x(P-1)	17.6	8.0	14.4	300V15A
X977Sxx	11	(11xP)+2	11x(P-1)	20.6	9.5	18.0	300V15A

Terminal block
02-30 pin

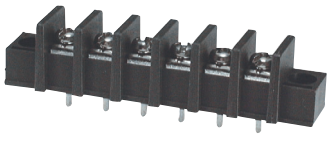
: X977T X977U
: X977W~X977Z

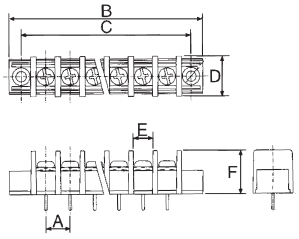




Item	A	B	C	D	E	F	Rated
X977Txx	7.62	7.62x(P+2)	7.62x(P+1)	13.0	6.5	14.2	300V10A
X977Uxx	8.25	8.25x(P+2)	8.25x(P+1)	14.0	6.5	15.0	300V15A
X977Wxx	9.5	9.5x(P+2)	9.5x(P+1)	16.5	8.0	18.8	300V15A
X977Yxx	10	10x(P+2)	10x(P+1)	15.5	8.0	18.5	300V20A
X977Zxx	11	11x(P+2)	11x(P+1)	16.8	9.5	18.4	300V30A

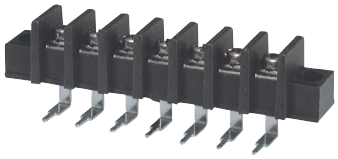
Terminal block
02-30 pin

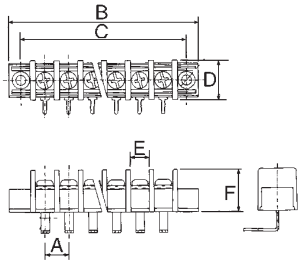




Item	A	B	C	D	E	F	Rated
X9780Axx	6.35	6.35x(P+2)	6.35x(P+1)	14.0	5.5	15.0	300V10A
X9780Bxx	7.62	7.62x(P+2)	7.62x(P+1)	13.0	6.5	14.2	300V10A
X9780Cxx	8.25	8.25x(P+2)	8.25x(P+1)	14.0	6.5	15.0	300V15A
X9780Dxx	9.5	9.5x(P+2)	9.5x(P+1)	16.5	8.0	18.8	300V15A
X9780Exx	10	10x(P+2)	10x(P+1)	15.5	8.0	18.5	300V20A
X9780Fxx	11	11x(P+2)	11x(P+1)	16.8	9.5	18.4	300V30A

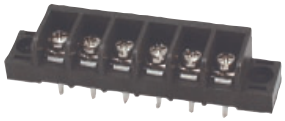
Terminal block (right angle)
02-30 pin

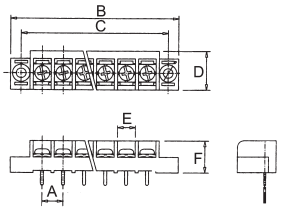




Item	A	B	C	D	E	F	Rated
X9780Gxx	6.35	6.35x(P+2)	6.35x(P+1)	13.7	5.4	14.7	300V10A
X9780Hxx	7.62	7.62x(P+2)	7.62x(P+1)	13.0	6.5	14.2	300V10A
X9780Jxx	8.25	8.25x(P+2)	8.25x(P+1)	14.0	6.5	15.0	300V15A
X9780Kxx	9.5	9.5x(P+2)	9.5x(P+1)	16.5	8.0	18.8	300V15A
X9780Lxx	10	10x(P+2)	10x(P+1)	15.5	8.0	18.5	300V20A
X9780Mxx	11	11x(P+2)	11x(P+1)	16.8	9.5	18.4	300V15A

Terminal block
02-30 pin

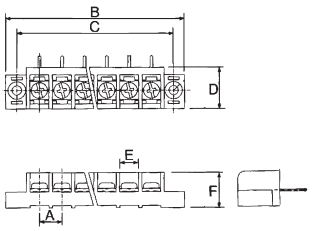




Item	A	B	C	D	E	F	Rated
X9780Qxx	8.25	8.25x(P+2)	8.25x(P+1)	13.7	6.5	14.7	300V15A
X9780Rxx	9.5	9.5x(P+2)	9.5x(P+1)	17.8	8.0	15.0	300V15A

Terminal block (right angle)
02-30 pin

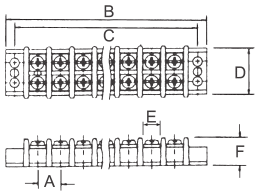




Item	A	B	C	D	E	F	Rated
X9782Qxx	8.25	8.25x(P+2)	8.25x(P+1)	13.7	6.5	14.7	300V15A
X9782Rxx	9.5	9.5x(P+2)	9.5x(P+1)	17.8	8.0	15.0	300V15A

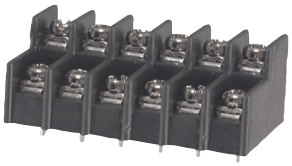
Terminal block
02-28 pin

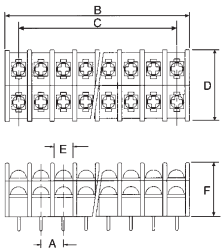




Item	A	B	C	D	E	F	Rated
X9784Axx	9.5	9.5xP+17.0	9.5x(P+1)	19.5	7.5	11.9	300V10A
X9784Cxx	10.9	10.9xP+19.9	10.9x(P+1)	22.0	9.0	13.2	300V20A
X9784Dxx	14.0	14.0xP+24.0	14.0x(P+1)	34.0	12.0	17.0	300V30A

Terminal block (double deck)
02-26 pin

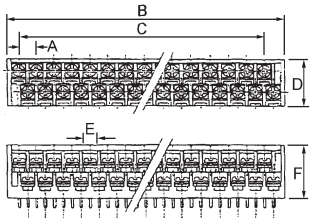




Item	A	B	C	D	E	F	Rated
X9786Cxx	8.25	(8.25xP)+1.5	8.25x(P-1)	27.0	6.5	20.0	250V15A

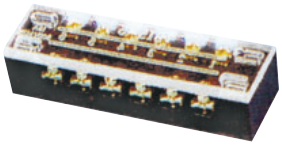
Terminal block with cover (double deck)
02-60 pin

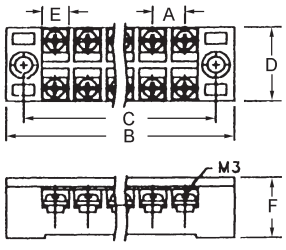




ITEM	A	B	C	D	E	F	Rated
X9788Cxx	7.62	7.62x(P-1)+13.28	7.62x(P-1)	19.5	6.5	22.5	300V15A

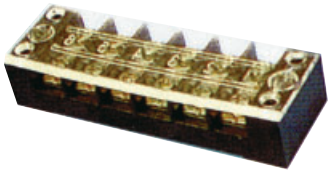
Solid terminal block
Glass reinforced plastic ensures heat-resistance, good toughness
3, 4, 6, 12 pin

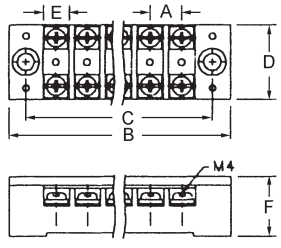




Item	A	B	C	D	E	F	Rated
X9789A03	9.1	46	36	22	7.5	17.5	150V 15A
X9789A04	9.1	55	45	22	7.5	17.5	150V 15A
X9789A06	9.1	73	63	22	7.5	17.5	150V 15A
X9789A12	9.1	127	117	22	7.5	17.5	150V 15A

Solid terminal block
Glass reinforced plastic ensures heat-resistance, good toughness
3, 4, 6, 12 pin

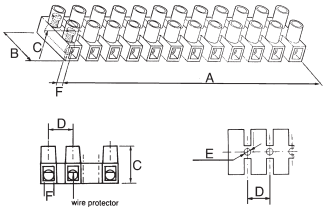




Item	A	B	C	D	E	F	Rated
X9789B03	12	55.5	45	30	10	19.5	300V 25A
X9789B04	12	68	57	30	10	19.5	300V 25A
X9789B06	12	92	81	30	10	19.5	300V 25A
X9789B12	12	164	152	30	10	19.5	300V 25A

Terminal block
Pole : 1-12 poles
Material : nylon 66

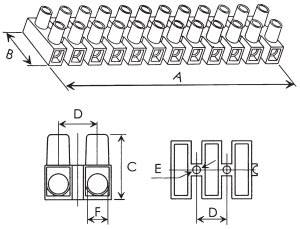




Item	mm²	Amp	Volt	Screw	Dimension(mm)				
					B	C	D	E	F
X9790xx	1.5	17.5	450	M2.6x5	17.0	14.5	8	2.9	2.8
X9791xx	2.5	24	450	M3.0x6	20.2	16.8	10	3.6	3.4

Terminal block
Pole : 1-12 poles
Material : nylon 66

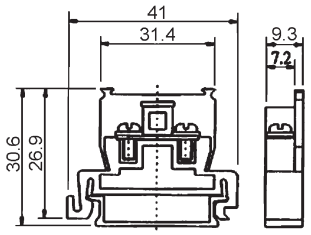




Item	mm²	Amp	Volt	Screw	Dimension(mm)				
					B	C	D	E	F
X9795xx	6.0	41	500	M3.5x7	23.8	19.0	12.0	3.9	4.2
X9796xx	10.0	57	500	M4.0x9	25.6	25.0	13.5	4.4	5.0

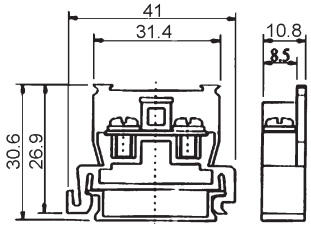
X9797A01
Din rail terminal block
600V 10A





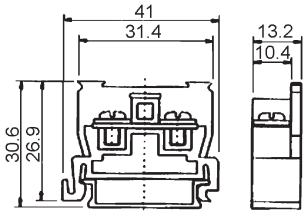
X9797A03
Din rail terminal block
600V 20A





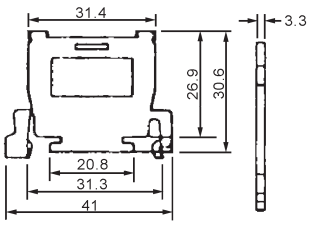
X9797A05
Din rail terminal block
600V 30A





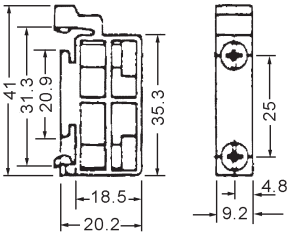
X9797A07
Din rail end plate
(For **X9797A01~X9797A05**)





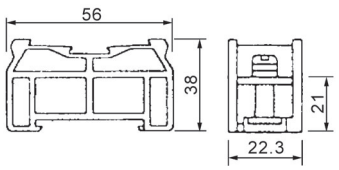
X9797A09
Din rail end bracket terminal
(For **X9797A01~X9797A05**)



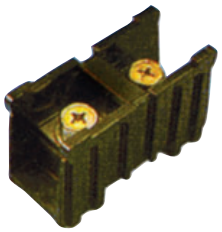


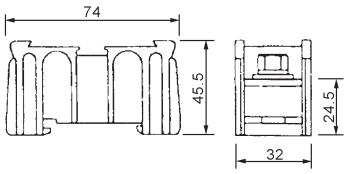
X9797B01
Solid terminal block
Glass reinforced plastic ensures heat-resistance, good toughness
600V 60A



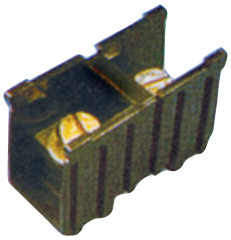


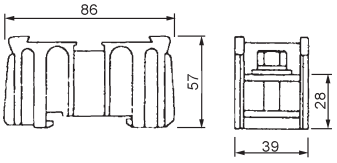
X9797B03
Solid terminal block
Glass reinforced plastic ensures heat-resistance, good toughness
600V 100A





X9797B05
Solid terminal block
Glass reinforced plastic ensures heat-resistance, good toughness
600V 200A





X98005
Modular plug cover

Color: red yellow green
blue black gray



X98088S
Modular shielded plug (8P8C)



X98007
Modular plug cover



X980883
Modular plug (8P8C)
3-prong contact blades



X98042
Modular plug (4P2C)
X98044
Modular plug (4P4C)



X980886
Modular plug (8P8C) for CAT.6



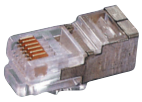
X98062
Modular plug (6P2C)
X98064
Modular plug (6P4C)
X98066
Modular plug (6P6C)



X9808861 (X980906)
Modular plug (8P8C) for CAT.6
3-prong contact blades
passing through type



X98064S
Modular shielded plug (6P4C)
X98066S
Modular shielded plug (6P6C)



X980886S (X980906S)
Modular shielded plug (8P8C) for CAT.6
3-prong contact blades
passing through type



X98066A
Modular plug (6P6C) long type



X9808862 (X980916)
Modular plug (8P8C) W/arch latch for CAT.6
3-prong contact blades
passing through type



X98088
Modular plug (8P8C)



X98089
Modular plug (8P8C) W/insert



X980896
Modular plug (8P8C) W/insert for CAT.6



X980896S (X980926S)
Modular shielded plug (8P8C) W/insert for CAT.6a
3-prong contact blades



X98110
Modular plug (10P10C)



X98110S
Modular shielded plug (10P10C)



X981126
Field termination RJ45 plug
for CAT.6a
can reach to IP20

Color: red orange yellow
green blue black white

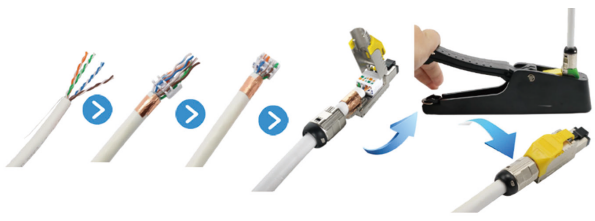


X981128
Field termination RJ45 plug for
CAT.8
can reach to IP20

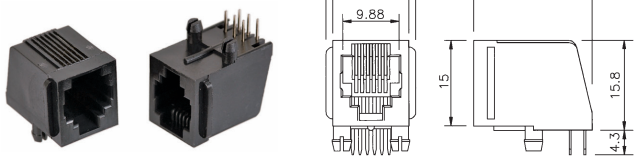
Color: red orange yellow
green blue black white



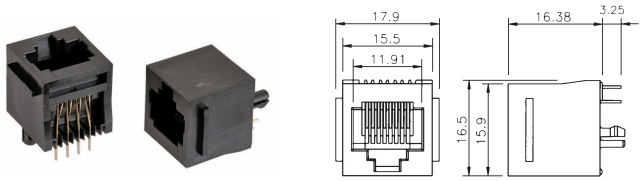
Assembly guide for X981126 & X981128



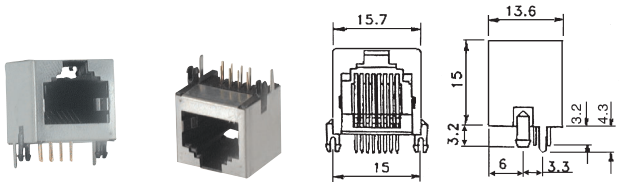
X98120
Modular jack (6P6C)



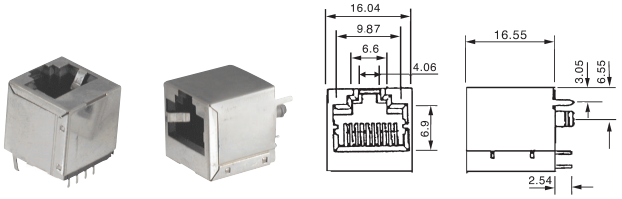
X98122
Modular jack (8P8C)



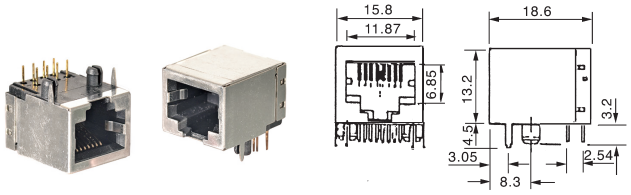
X98139SA
Modular shielded jack (8P8C)



X98139SB
Modular shielded jack (8P8C)

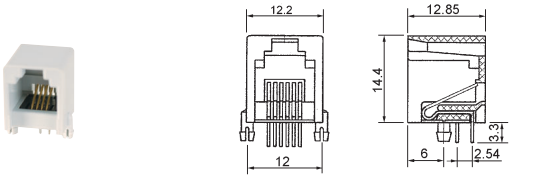


X98139SC
Modular shielded jack (8P8C)

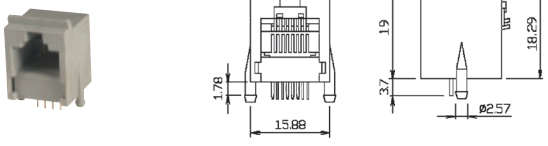


X98234 Telephone jack (623 type 6P4C)

X98236 Telephone jack (623 type 6P6C)

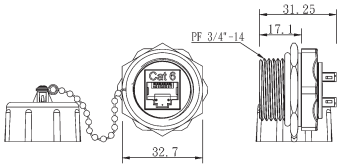


X98288
Modular jack (647 type 8P8C)



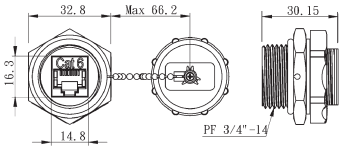
X98301
Waterproof modular jack (8P8C) for CAT.6
can reach to IP67





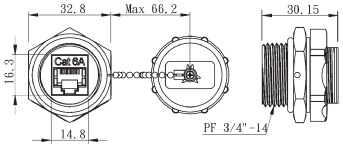
X98303
Waterproof modular jack (8P8C) for CAT.6
can reach to IP67





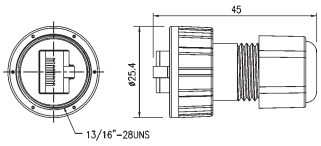
X98304
Waterproof modular jack (8P8C) for CAT.6a
can reach to IP67





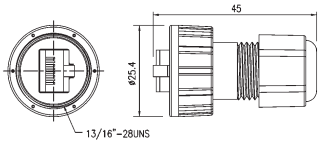
X98310
Waterproof modular plug (8P8C) for CAT.6
can reach to IP67





X98311
Waterproof modular shielded plug (8P8C) for CAT.6
can reach to IP67





X983350
CAT.5e in-line coupler



X983360
CAT.6 in-line coupler



X98340A /B /C
Modular in-line coupler
A : 6P4C
B : 6P6C
C : 8P8C



X98350A /B /C
Modular "T" adapter
A : 6P4C x 2
B : 6P6C x 2
C : 8P8C x 2



X98353A /B
Surface jack
A: 6P4C
B: 6P6C



X98354
Surface jack (6P4C x 2)
with dual jack



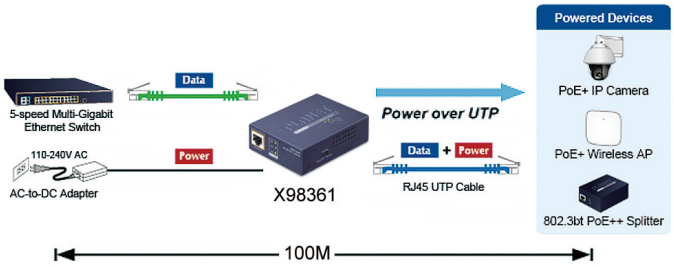
X98355A /B /C
Surface jack
A : 6P4C
B : 6P6C
C : 8P8C



X98361
Single-port 95W 802.3bt PoE++ injector

Specifications:
- Input port: 1 x RJ45 STP
- Output port: 1 x RJ45 STP PoE
- DC input: 52V~54VDC/2.5A Max.
- Data rate: 10M/100M/1G/2.5G/5G/10Gbps
- PoE output power: 52V~54VDC/95W Max.
- PoE power type: End-span+Mid-span
- PoE standard: IEEE 802.3af/at/bt PSE
- Operating Temp.: 0°C to 50°C
- Dimensions: 94(W) x 70(D) x 26(H) mm
- Weight: 195g

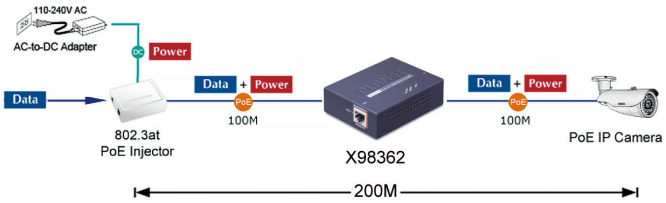




X98362
Single-port 26W 802.3at PoE+ extender

Specifications:
- Input port: 1 x IEEE 802.3af/at PoE
- Output port: 1 x IEEE 802.3af/at PoE
- PoE input power: 48V~56VDC/30.8W Max.
- Data rate: 10M/100M/1000Mbps
- PoE output power: 44V~52VDC/26W Max.
- PoE power type: End-span/Type A
- PoE standard: IEEE 802.3af/at PSE
- Operating Temp.: -10°C to 60°C
- Dimensions: 94(W) x 70(D) x 26(H) mm
- Weight: 189g

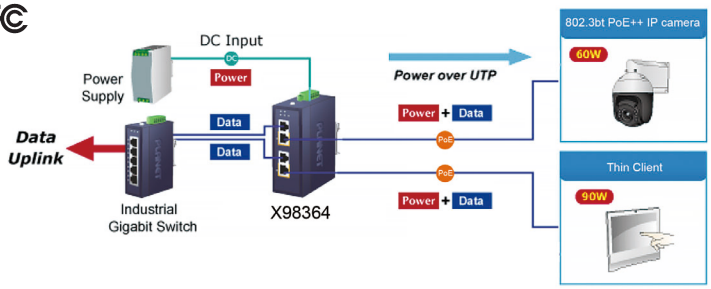




X98364
Industrial 2-ports 180W 802.3bt PoE++ injector hub can reach to IP30

Specifications:
- Input port: 2 x RJ45 STP
- Output port: 2 x RJ45 STP PoE
- DC input: 48V~54VDC/2.5A Max.
- Data rate: 10M/100M/1G/2.5G/5Gbps
- PoE output power: 48VDC/120W Max.
  52V/54VDC/180W Max.
- PoE power type: End-span+Mid-span
- PoE standard: IEEE 802.3at/bt PSE
- Operating Temp.: -40°C to 75°C
- Dimensions: 41(W) x 70(D) x 115(H) mm
- Weight: 284g

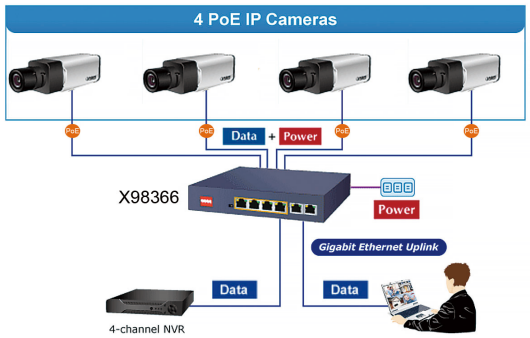




X98366
4-ports 65W 802.3at PoE+ with 2 uplink ports switch

Specifications:
- Input port: 2 x RJ45 STP
- Output port: 4 x RJ45 STP 802.3af/at PoE
- DC input: 54VDC/1.3A Max.
- Data rate: 10M/100M/1000Mbps
- PoE output power (per port):
  54VDC/15.4W Max.@802.3af
  54VDC/30W Max.@802.3at
- PoE power type: End-span
- PoE standard: IEEE 802.3af/at PSE
- Operating Temp.: 0°C to 50°C
- Dimensions: 168(W) x 93(D) x 32(H) mm
- Weight: 374g

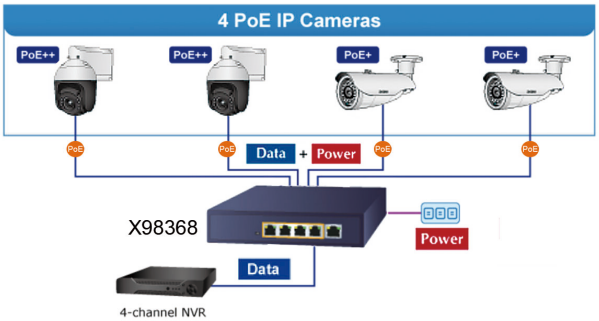




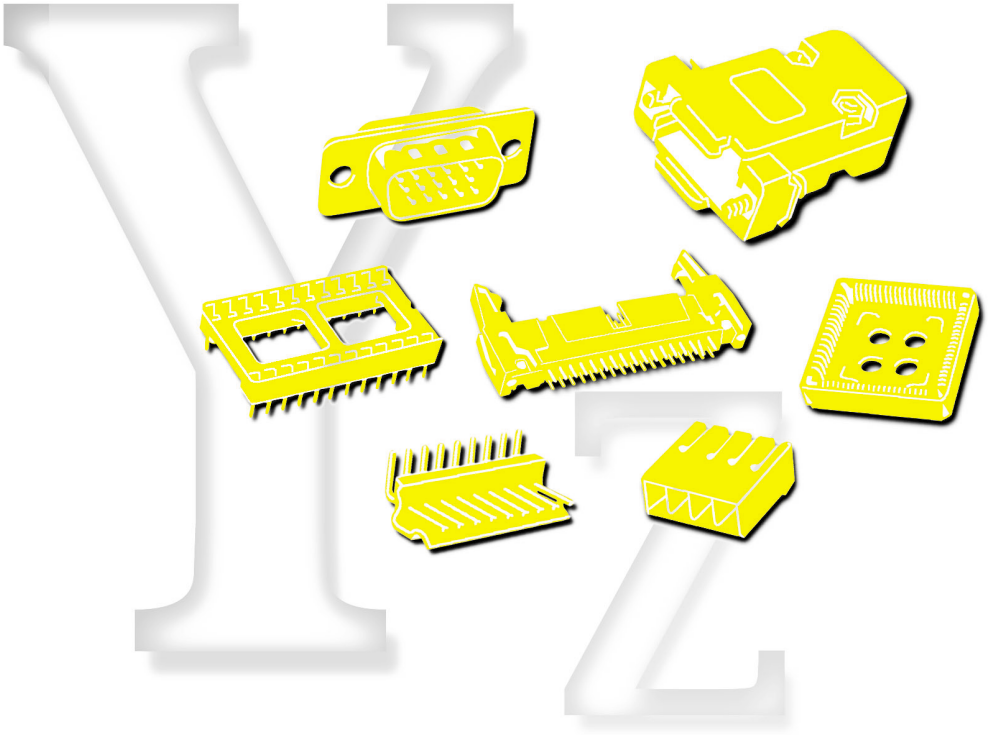
X98368
2-ports 90W 802.3bt PoE++ & 2-ports 30W 802.3at PoE+ with 1 uplink port switch

Specifications:
- Input port: 1 x RJ45 STP
- Output port: 2 x 802.3bt PoE++ (Ports 1&2)
  2 x 802.3af/at PoE+(Ports 3&4)
- DC input: 55VDC/2.8A Max.
- Data rate: 10M/100M/1000Mbps
- PoE output power: 90W Max. (Ports 1&2)
  30W Max. (Ports 3&4)
- PoE power type:
  End-span+Mid-span (Ports 1&2)
  End-span (Ports 3&4)
- PoE standard: IEEE 802.3at/bt PSE
- Operating Temp.: 0°C to 50°C
- Dimensions: 168(W) x 93(D) x 32(H) mm
- Weight: 414g

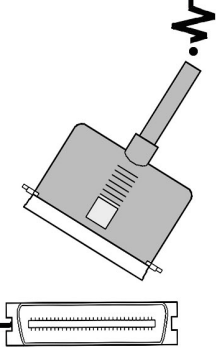




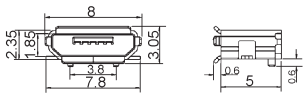
Computer connectors series



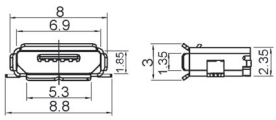
Micro USB & USB 3.0 / 3.1 & IEEE 1394 & DisplayPort & HDMI / D-SUB / Hard Metric / Futurebus / DIN 41612 / Micro-Match / Mini-Power & Busbar / IC Socket / Chip Carrier / Pin Strip / FPC/ FFC / Board to Board / Header & SATA / Housing / Terminal / Wafer / SIM Card / Memory Card / Gender Changer / USB & HDMI & DisplayPort Adapter / Extension Cables / OTG & MHL & LAN & USB 3.1 Cables / Hubs / Flat Cables / Solderless Breadboard / Audio Converter & Extractor / HDMI Switcher & Splitter / HDMI Repeater & Extender / Docking Station / Thunderbolt™ 3 Adapter



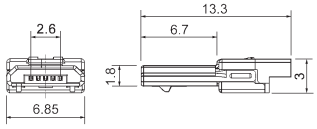
Y98820
5P micro USB/B type socket (SMD)

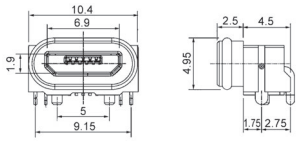
Y98824
5P micro USB/AB type socket (SMD)

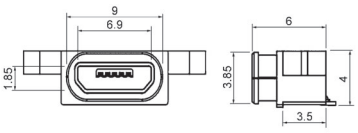
Y98830
5P micro USB/B type plug (molding type)

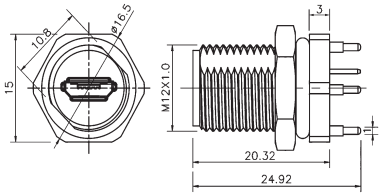
Y98840
Waterproof 5P micro USB/B type socket (SMD)
can reach to IPX7

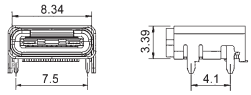
Y98841
Waterproof 5P micro USB/B type socket (SMD)
can reach to IPX7

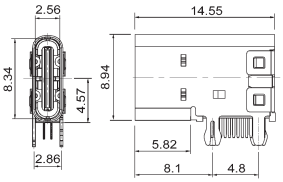
Y98846
Waterproof 5P micro USB/B type socket
can reach to IP67

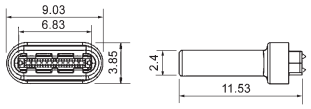
Y989080
USB 3.1/C type socket (SMD)

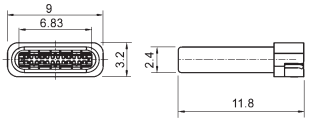
Y989083
USB 3.1/C type socket right angle

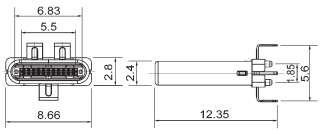
Y989090
USB 3.1/C type plug

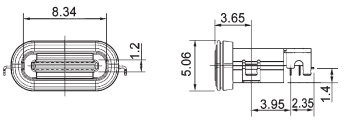
Y989091
USB 3.1/C type plug

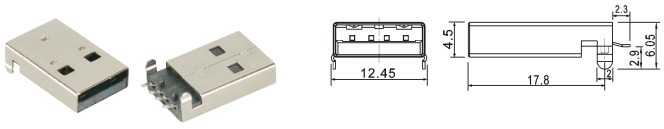
Y989092
USB 3.1/C type plug

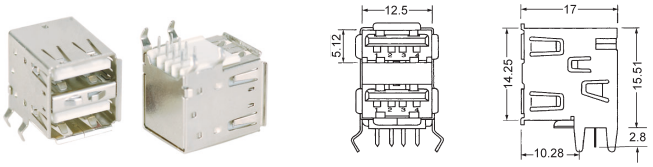
Y989095
Waterproof USB 3.1/C type socket (DIP+SMD)
can reach to IP67

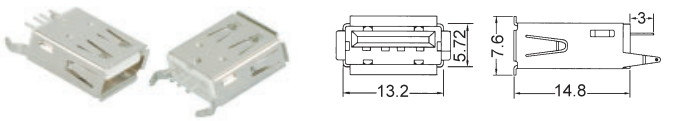
Y98910
USB/A type plug (SMD)



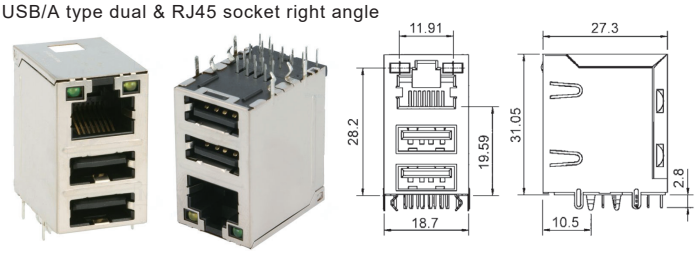
Y99006
USB/A type dual socket right angle



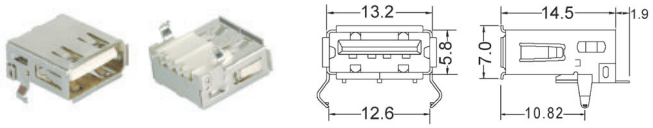
Y98995
USB/A type socket



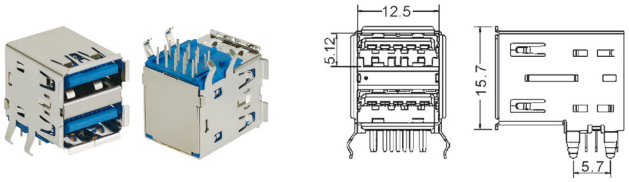
Y990065
USB/A type dual & RJ45 socket right angle



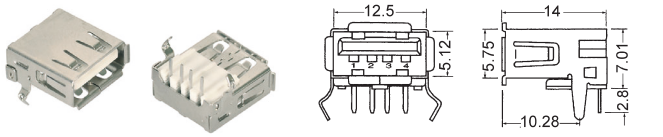
Y98999
USB/A type socket (SMD)



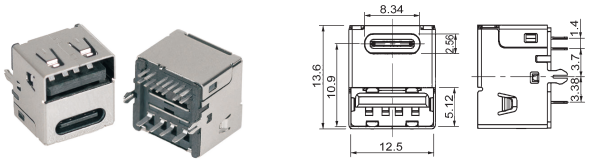
Y99007
USB 3.0/A type dual socket right angle



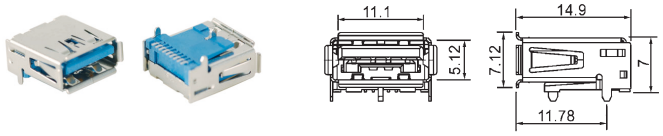
Y99000
USB/A type socket right angle



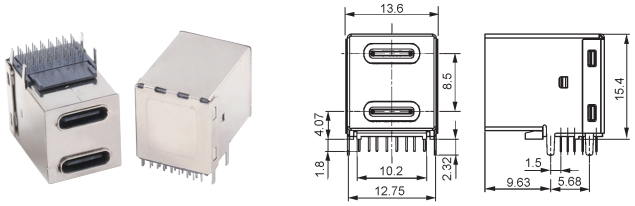
Y990075
USB/A type & USB 3.1/C type socket



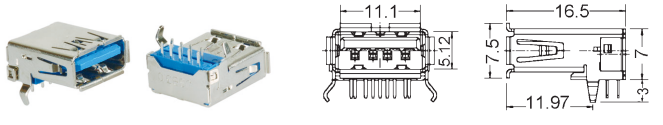
Y990005
USB 3.0/A type socket (SMD)



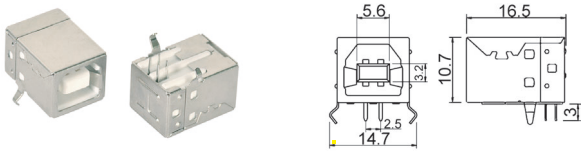
Y990077
USB 3.2/C type dual socket



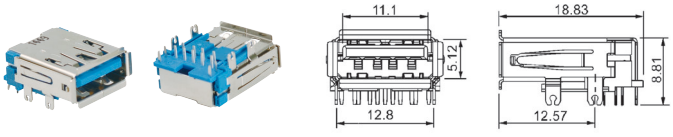
Y99001
USB 3.0/A type socket right angle



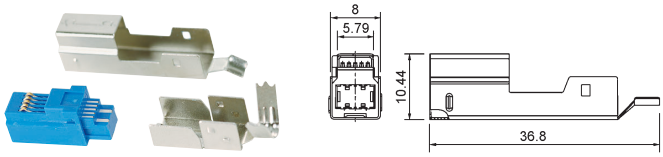
Y99011
USB/B type socket right angle



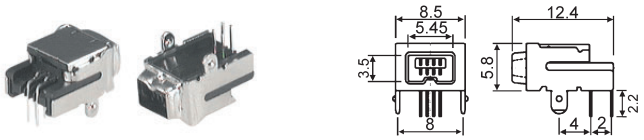
Y99004
USB 3.1/A type socket right angle



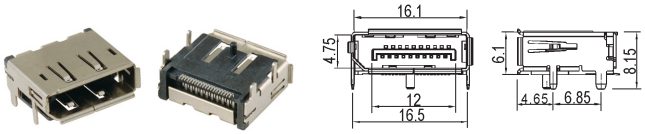
Y99016
USB 3.0/B type plug (molding type)



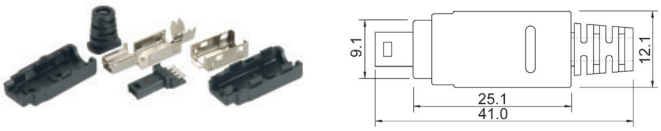
Y99045
4P IEEE 1394 socket right angle



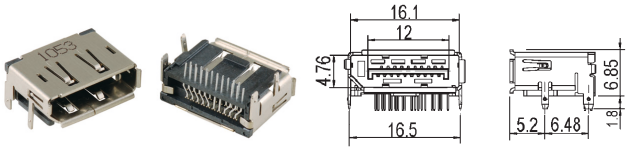
Y990547
DisplayPort socket (SMD)



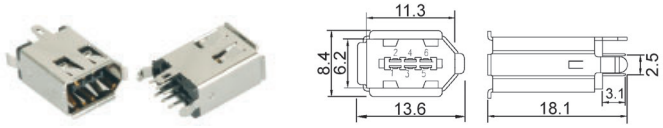
Y99048
4P IEEE 1394 plug (assembly type)



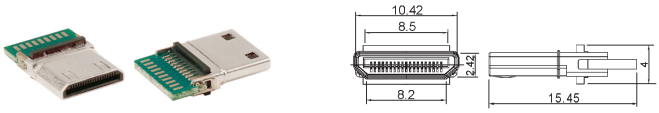
Y990549
DisplayPort socket right angle



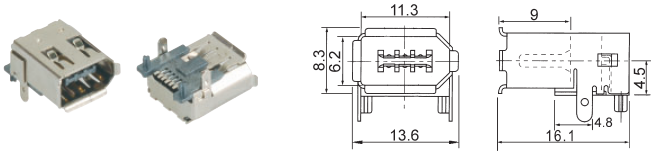
Y99050
6P IEEE 1394 socket



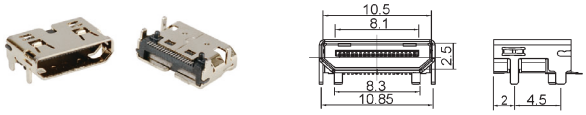
Y99055
19P mini HDMI plug



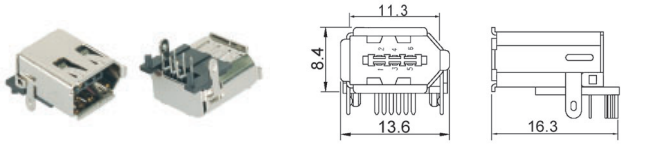
Y99051
6P IEEE 1394 socket (SMD)



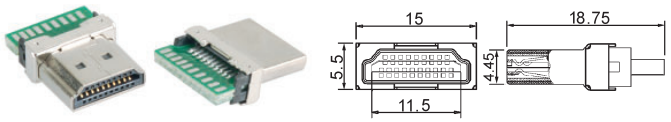
Y99058
19P mini HDMI socket



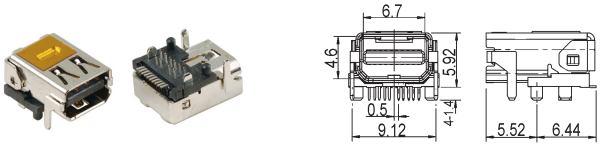
Y99053
6P IEEE 1394 socket right angle



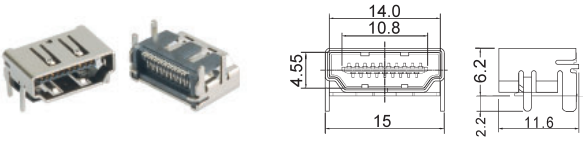
Y99061
19P HDMI plug



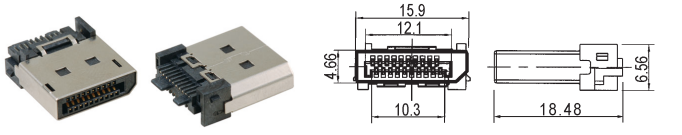
Y990540
Mini DisplayPort socket right angle (SMD & DIP)



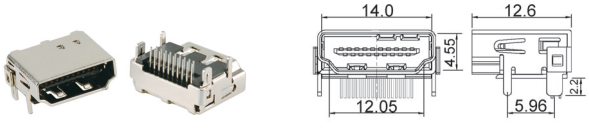
Y99065
19P HDMI socket (SMD)



Y990545
DisplayPort plug



Y99071
19P HDMI socket right angle



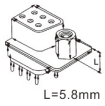
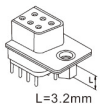
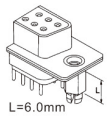
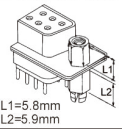
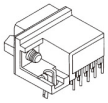
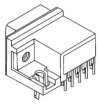
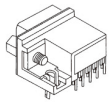
(From **YASxxP** to **YCHxxS**)

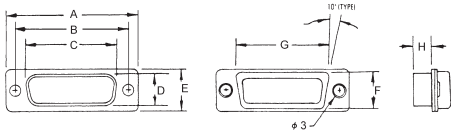
Plug :**YASxxPx**
Socket :**YASxxSx**
No. of pins
Position of clinch nut

□ : standard Ø3.0 hole
A : nuts on front shell
B : nuts on rear shell
C : stand-off on rear shell
D : nuts on front shell &
stand-off on rear shell

(From **YCRxxP** to **YCRxxS**)

Plug :**YCRxxPx**
Socket :**YCRxxSx**
No. of pins
Position of clinch nut
E : hex screw fixed
F : riveted
G : riveted & hex screw fixed

A	B	C	D
Riveted #4-40 UNC close nuts on front shell.	Riveted #4-40 UNC open nuts on rear shell.	Riveted #4-40 UNC ground stand-off on rear shell.	Riveted #4-40 UNC ground close nuts on front shell & stand-off on rear shell.
 L=5.8mm	 L=3.2mm	 L=6.0mm	 L1=5.8mm L2=5.9mm
E W/boardlock hex screw fixed	**F** Riveted W/boardlock	**G** Riveted W/boardlock & hex screw fixed	
			



Shell size	A	B	C	D	E	F	G	H
9 - plug	30.8	25.0	17.70	9.14	12.6	10.72	19.30	6.0
9 - socket	30.8	25.0	16.26	7.82	12.6	10.72	19.30	5.8
15 - plug	39.1	33.3	26.04	9.14	12.6	10.72	27.50	6.0
15 - socket	39.1	33.3	24.60	7.82	12.6	10.72	27.50	5.8
25 - plug	53.0	47.0	40.21	9.60	12.6	10.72	41.30	6.0
25 - socket	53.0	47.0	38.30	7.82	12.6	10.72	41.30	5.8
37 - plug	69.3	63.5	56.67	9.60	12.6	10.72	57.70	6.0
37 - socket	69.3	63.5	54.76	7.82	12.6	10.72	57.70	5.8
50 - plug	66.9	61.1	54.03	12.29	15.4	13.56	55.32	6.0
50 - socket	66.9	61.1	52.34	10.67	15.4	13.56	55.32	5.8

Solder normal type

Plug : **YASxxP**
Socket : **YASxxS**
No. of pins

A



Crimp type

Plug housing : **YBCxxP**
Socket housing : **YBCxxS**
No. of pins

B



High density crimp type

Plug housing : **YCCxxP**
Socket housing : **YCCxxS**
No. of pins
(15,26,44,62 pins available)

C



High density solder type

Plug : **YCSxxP**
Socket : **YCSxxS**
No. of pins
(15,26,44,62 pins available)

C



Needle type W/ferrite

Plug : **YAFxxP**
Socket : **YAFxxS**
No. of pins

A



Crimp terminal

Plug terminal : **YBC3T**
Socket terminal : **YBC5T**
10000 pins/reel

B



Crimp terminal

Plug terminal : **YCC3T**
Socket terminal : **YCC5T**
5000 pins/reel

C



High density needle type

Plug : **YCHxxP**
Socket : **YCHxxS**
No. of pins
(15,26,44,62 pins available)

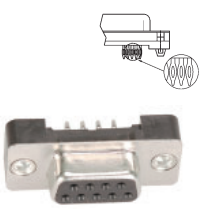
C



Press-fit type

Plug : **YAPxxP**
Socket : **YAPxxS**
No. of pins
(9,15,25,37 pins available)

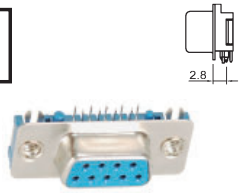
A



Slim right angle

Plug : **YBRxxPE**
Socket : **YBRxxSE**
No. of pins
(9,25 pins available)

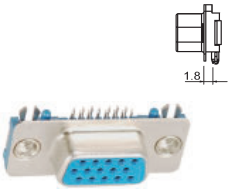
B



High density slim right angle

Plug : **YCKxxPE**
Socket : **YCKxxSE**
No. of pins
(15 pins available)

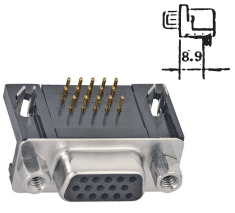
C



High density right angle

Plug : **YCRxxP**
Socket : **YCRxxS**
No. of pins
(15,26,44,62 pins available)

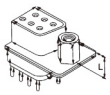
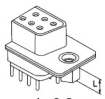
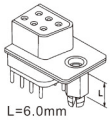
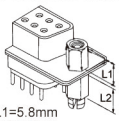
C

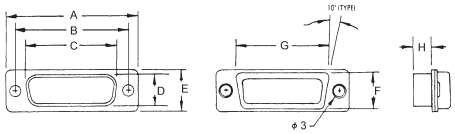


(From **YENxxP** to **YENxxS**)

Plug :**YENxxPx**
Socket :**YENxxSx**
No. of pins
Position of clinch nut

□ : standard Ø3.0 hole
A : nuts on front shell
B : nuts on rear shell
C : stand-off on rear shell
D : nuts on front shell & stand-off on rear shell

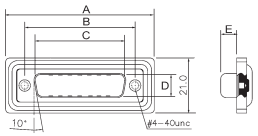
A	B	C	D
Riveted #4-40 UNC close nuts on front shell.	Riveted #4-40 UNC open nuts on rear shell.	Riveted #4-40 UNC ground stand-off on rear shell.	Riveted #4-40 UNC ground close nuts on front shell & stand-off on rear shell.
 L=5.8mm	 L=3.2mm	 L=6.0mm	 L1=5.8mm L2=5.9mm



Shell size	A	B	C	D	E	F	G	H
9 - plug	30.8	25.0	17.70	9.14	12.6	10.72	19.30	6.0
9 - socket	30.8	25.0	16.26	7.82	12.6	10.72	19.30	5.8
15 - plug	39.1	33.3	26.04	9.14	12.6	10.72	27.50	6.0
15 - socket	39.1	33.3	24.60	7.82	12.6	10.72	27.50	5.8
25 - plug	53.0	47.0	40.21	9.60	12.6	10.72	41.30	6.0
25 - socket	53.0	47.0	38.30	7.82	12.6	10.72	41.30	5.8
37 - plug	69.3	63.5	56.67	9.60	12.6	10.72	57.70	6.0
37 - socket	69.3	63.5	54.76	7.82	12.6	10.72	57.70	5.8
50 - plug	66.9	61.1	54.03	12.29	15.4	13.56	55.32	6.0
50 - socket	66.9	61.1	52.34	10.67	15.4	13.56	55.32	5.8

(From **YEPSxxP** to **YERRxxS**)

Plug :**YEPSxxP**
Socket :**YEPSxxS**
No. of pins



Shell size	A	B	C	D	E
9 - plug	39.4	25.0	16.92	8.36	6.0
9 - socket	39.4	25.0	16.33	7.90	5.8
15 - plug	48.7	33.3	25.25	8.36	6.0
15 - socket	48.7	33.3	24.70	7.90	5.8
25 - plug	61.7	47.0	38.96	8.36	6.0
25 - socket	61.7	47.0	38.40	7.90	5.8
37 - plug	78.0	63.5	55.42	8.36	6.0
37 - socket	78.0	63.5	54.80	7.90	5.8

IDC type

Plug : **YEGFxxP**
Socket : **YEGFxxS**
No. of pins
(9,15,25,37 pins available)



Waterproof solder type

Plug : **YEPSxxP**
Socket : **YEPSxxS**
No. of pins
(9,15,25,37 pins available)



Waterproof high density solder type

Plug : **YERSxxP**
Socket : **YERSxxS**
No. of pins
(15,26,44,62 pins available)



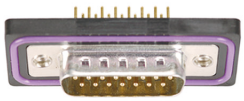
IDC type (W/shell)

Plug : **YEGMxxP**
Socket : **YEGMxxS**
No. of pins
(9,15,25,37 pins available)



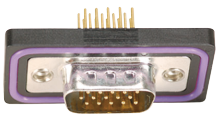
Waterproof needle type

Plug : **YEPNxxP**
Socket : **YEPNxxS**
No. of pins
(9,15,25,37 pins available)



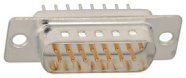
Waterproof high density needle type

Plug : **YERNxxP**
Socket : **YERNxxS**
No. of pins
(15,26,44,62 pins available)



Needle type

Plug : **YENxxP**
Socket : **YENxxS**
No. of pins



Waterproof right angle

Plug : **YEPRxxP**
Socket : **YEPRxxS**
No. of pins
(9,15,25,37 pins available)



Waterproof high density right angle

Plug : **YERRxxP**
Socket : **YERRxxS**
No. of pins
(15,26,44,62 pins available)



Hood 09, 15, 25, 37, 50 pins

YDxx P/C

No. of pins
Plastic
Chromate plated



YDAxx P/C



YDBxx P/C



YDCxx P/C

(09, 25 pins)



D

Hood 09, 15, 25, 37, 50 pins (thumb screw)

YDLxx P/C

No. of pins
Plastic
Chromate plated



YDLAxx P/C

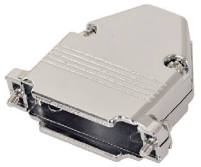


YDLBxx P/C



D

Metal hood
09, 15, 25, 37, 50 pins
YDxx D



D

Hood screws
YDS xxx

018



019



026



021



023



038



039



031



D

Waterproof hood
09, 15, 25, 37, 50 pins
YDxxDW

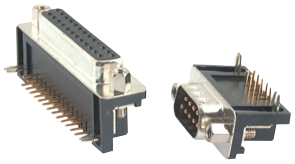


D

Right angle type 09, 15, 25, 37 pins



Screw lock type



Plug : **YFRxxP**
Socket : **YFRxxS**
L= 8.10mm No. of pins

Plug : **YFRMxxP**
Socket : **YFRMxxS**
L=10.30mm No. of pins

Plug : **YFRLxxP**
Socket : **YFRLxxS**
L=14.84mm No. of pins

Rivet lock type

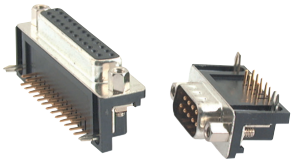


Plug : **YFTxxP**
Socket : **YFTxxS**
L= 8.10mm No. of pins

Plug : **YFTMxxP**
Socket : **YFTMxxS**
L=10.30mm No. of pins

Plug : **YFTLxxP**
Socket : **YFTLxxS**
L=14.84mm No. of pins

Rivet & screw lock type



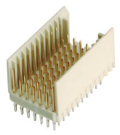
Plug : **YFVxxP**
Socket : **YFVxxS**
L= 8.10mm No. of pins

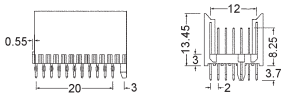
Plug : **YFVMxxP**
Socket : **YFVMxxS**
L=10.30mm No. of pins

Plug : **YFVLxxP**
Socket : **YFVLxxS**
L=14.84mm No. of pins

F

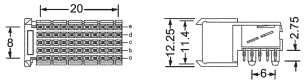
YMFA077
Hard Metric connector male type C
5 x 11 signal and 22 ground shield contact (77)



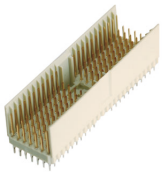


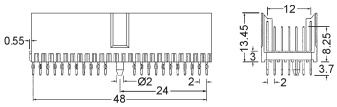
YMFB055
Right angle Hard Metric connector female type C
5 x 11 positions full loaded (55)



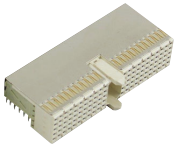


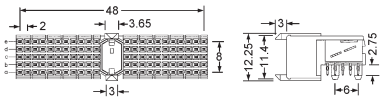
YMFA154A
Hard Metric connector male type A
5 x 22 signal and 44 ground shield contact (154)





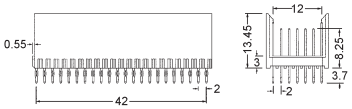
YMFB110A
Right angle Hard Metric connector female type A
5 x 22 positions full loaded (110)





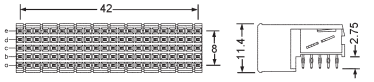
YMFA154B
Hard Metric connector male type B-22
5 x 22 signal and 44 ground shield contact (154)



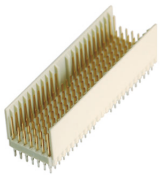


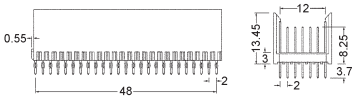
YMFB110B
Right angle Hard Metric connector female type B-22
5 x 22 positions full loaded (110)



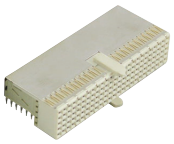


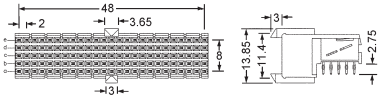
YMFA169
Hard Metric connector male type AB-25
5 x 25 signal and 44 ground shield contact (169)



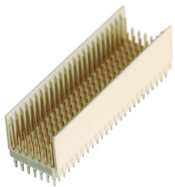


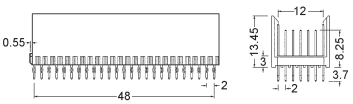
YMFB125A
Right angle Hard Metric connector female type AB-25
5 x 25 positions full loaded (125)



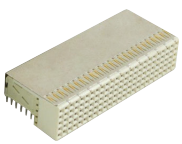


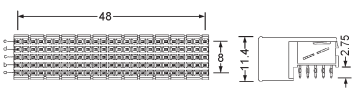
YMFA175
Hard Metric connector male type B-25
5 x 25 signal and 50 ground shield contact (175)



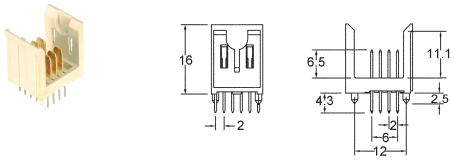


YMFB125B
Right angle Hard Metric connector female type B-25
5 x 25 positions full loaded (125)

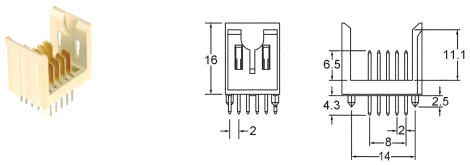




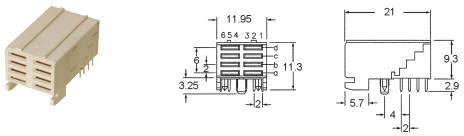
YMFF08P
2mm Futurebus male power type 4 rows



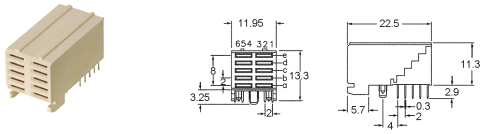
YMFH10P
2mm Futurebus male power type 5 rows



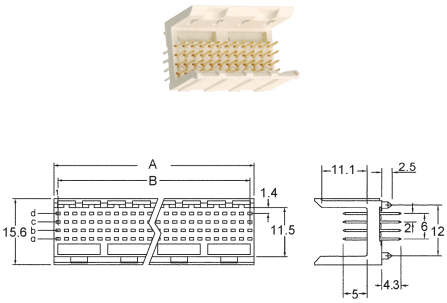
YMFF08S
2mm Futurebus female power type 4 rows



YMFH10S
2mm Futurebus female power type 5 rows

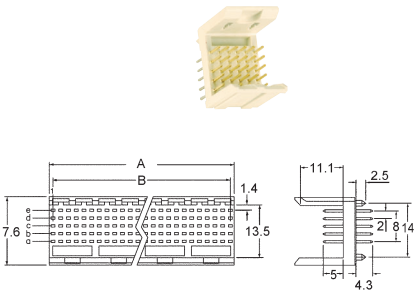


2mm Futurebus male straight 4 rows



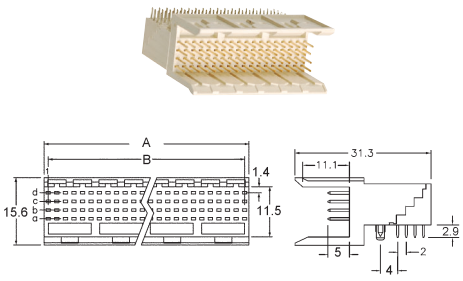
Part No.	Dimension	
	A	B
YMFF24P	11.95	10
YMFF48P	23.95	22
YMFF72P	35.95	34
YMFF96P	47.95	46
YMFF144P	69.95	70
YMFF192P	95.95	94

2mm Futurebus male straight 5 rows



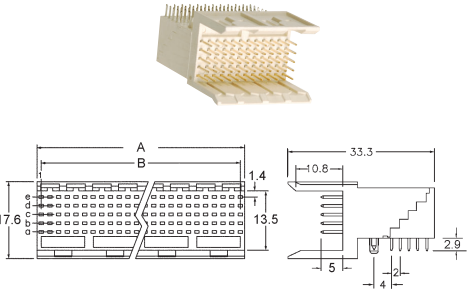
Part No.	Dimension	
	A	B
YMFH30P	11.95	10
YMFH60P	23.95	22
YMFH90P	35.95	34
YMFH120P	47.95	46
YMFH180P	69.95	70
YMFH240P	95.95	94

2mm Futurebus male right angle 4 rows



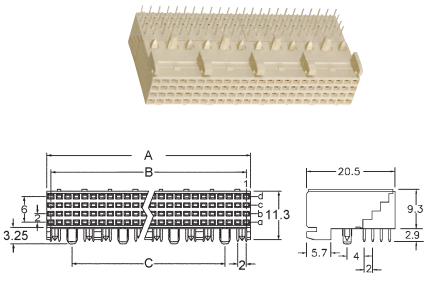
Part No.	Dimension	
	A	B
YMFF24R	11.95	10
YMFF48R	23.95	22
YMFF72R	35.95	34
YMFF96R	47.95	46
YMFF144R	69.95	70
YMFF192R	95.95	94

2mm Futurebus male right angle 5 rows



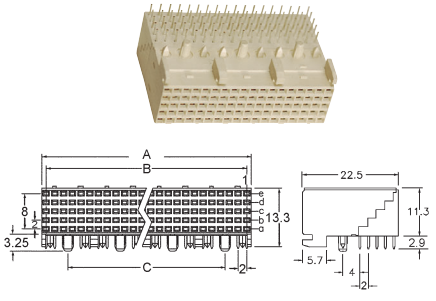
Part No.	Dimension	
	A	B
YMFH30R	11.95	10
YMFH60R	23.95	22
YMFH90R	35.95	34
YMFH120R	47.95	46
YMFH180R	69.95	70
YMFH240R	95.95	94

2mm Futurebus female right angle 4 rows



Part No.	Dimension		
	A	B	C
YMFF24S	11.95	10	
YMFF48S	23.95	22	12
YMFF72S	35.95	34	24
YMFF96S	47.95	46	36
YMFF144S	69.95	70	60
YMFF192S	95.95	94	84

2mm Futurebus female right angle 5 rows

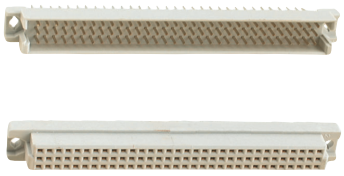


Part No.	Dimension		
	A	B	C
YMFH30S	11.95	10	
YMFH60S	23.95	22	12
YMFH90S	35.95	34	24
YMFH120S	47.95	46	36
YMFH180S	69.95	70	60
YMFH240S	95.95	94	84

YNA96P	2.54mm abc
YNA64P	2.54mm ac
YNA48P	5.08mm abc
YNA32P	5.08mm ac
YNA96S	2.54mm abc
YNA64S	2.54mm ac
YNA48S	5.08mm abc
YNA32S	5.08mm ac

(Male) (Female)

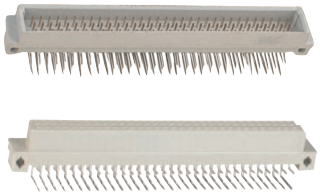
96 Pin size DIP straight
(triple rows)



YNB96P	2.54mm abc
YNB64P	2.54mm ac
YNB48P	5.08mm abc
YNB32P	5.08mm ac
YNB96S	2.54mm abc
YNB64S	2.54mm ac
YNB48S	5.08mm abc
YNB32S	5.08mm ac

(Male) (Female)

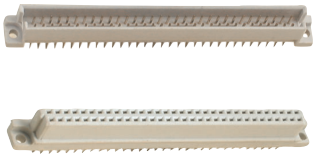
96 Pin size DIP right angle
(triple rows)



YNC64P	2.54mm ab
YNC32P	2.54mm a
YNC32M	5.08mm ab
YNC16P	5.08mm a
YNC64S	2.54mm ab
YNC32S	2.54mm a
YNC32F	5.08mm ab
YNC16S	5.08mm a

(Male) (Female)

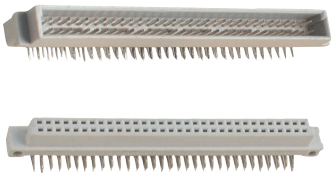
64 Pin size DIP straight
(dual rows)



YND64P	2.54mm ab
YND32P	2.54mm a
YND32M	5.08mm ab
YND16P	5.08mm a
YND64S	2.54mm ab
YND32S	2.54mm a
YND32F	5.08mm ab
YND16S	5.08mm a

(Male) (Female)

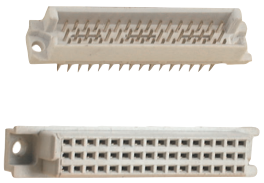
64 Pin size DIP right angle
(dual rows)



YNE48P	2.54mm abc
YNE32P	2.54mm ac
YNE24P	5.08mm abc
YNE16P	5.08mm ac
YNE48S	2.54mm abc
YNE32S	2.54mm ac
YNE24S	5.08mm abc
YNE16S	5.08mm ac

(Male) (Female)

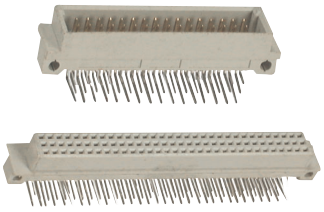
48 Pin size DIP straight
(triple rows)



YNF48P	2.54mm abc
YNF32P	2.54mm ac
YNF24P	5.08mm abc
YNF16P	5.08mm ac
YNF48S	2.54mm abc
YNF32S	2.54mm ac
YNF24S	5.08mm abc
YNF16S	5.08mm ac

(Male) (Female)

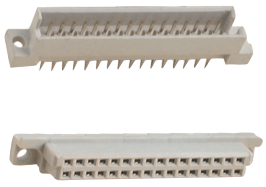
48 Pin size DIP right angle
(triple rows)



YNG32P	2.54mm ab
YNG16P	2.54mm a
YNG16M	5.08mm ab
YNG08P	5.08mm a
YNG32S	2.54mm ab
YNG16S	2.54mm a
YNG16F	5.08mm ab
YNG08S	5.08mm a

(Male) (Female)

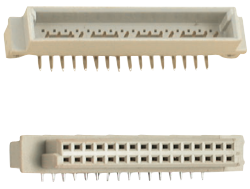
32 Pin size DIP straight
(dual rows)



YNH32P	2.54mm ab
YNH16P	2.54mm a
YNH16M	5.08mm ab
YNH08P	5.08mm a
YNH32S	2.54mm ab
YNH16S	2.54mm a
YNH16F	5.08mm ab
YNH08S	5.08mm a

(Male) (Female)

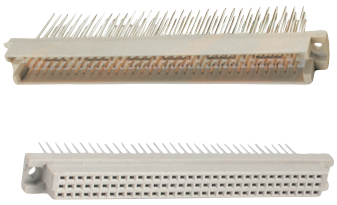
32 Pin size DIP right angle
(dual rows)



YNJ96P	2.54mm abc
YNJ64P	2.54mm ac
YNJ48P	5.08mm abc
YNJ32P	5.08mm ac
YNJ96S	2.54mm abc
YNJ64S	2.54mm ac
YNJ48S	5.08mm abc
YNJ32S	5.08mm ac

(Male) (Female)

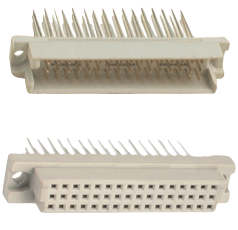
96 Pin size wire wrap
(triple rows)



YNK48P	2.54mm abc
YNK32P	2.54mm ac
YNK24P	5.08mm abc
YNK16P	5.08mm ac
YNK48S	2.54mm abc
YNK32S	2.54mm ac
YNK24S	5.08mm abc
YNK16S	5.08mm ac

(Male) (Female)

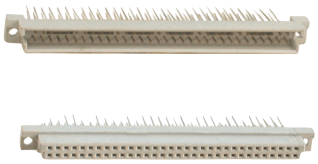
48 Pin size wire wrap
(triple rows)



YNL64P	2.54mm ab
YNL32P	2.54mm a
YNL32M	5.08mm ab
YNL16P	5.08mm a
YNL64S	2.54mm ab
YNL32S	2.54mm a
YNL32F	5.08mm ab
YNL16S	5.08mm a

(Male) (Female)

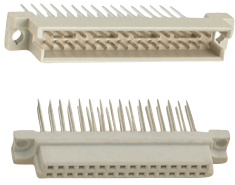
64 Pin size wire wrap
(dual rows)



YNM32P	2.54mm ab
YNM16P	2.54mm a
YNM16M	5.08mm ab
YNM08P	5.08mm a
YNM32S	2.54mm ab
YNM16S	2.54mm a
YNM16F	5.08mm ab
YNM08S	5.08mm a

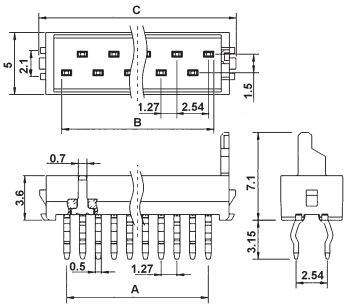
(Male) (Female)

32 Pin size wire wrap
(dual rows)



Mini-Match male connector
2.54mm pitch
On board type

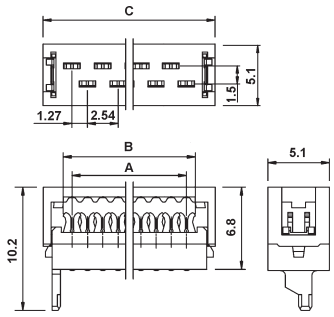




Pins	Part No.	A	B	C
4	YNRA04	3.81	5.40	8.20
6	YNRA06	6.35	8.00	10.70
8	YNRA08	8.89	10.50	13.30
10	YNRA10	11.43	13.00	15.80
12	YNRA12	13.97	15.60	18.30
14	YNRA14	16.51	18.10	20.80
16	YNRA16	19.05	20.70	23.40
18	YNRA18	21.59	23.20	25.90
20	YNRA20	24.13	25.70	28.40
24	YNRA24	29.21	30.80	33.60

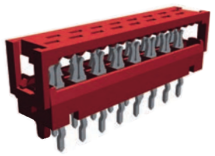
Mini-Match male connector
2.54mm pitch
On wire type

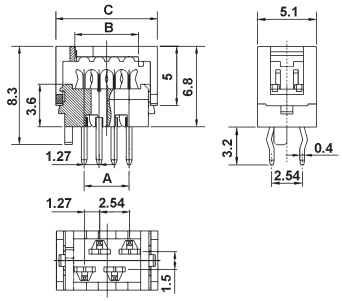




Pins	Part No.	A	B	C
4	YNRB04	3.81	5.40	8.60
6	YNRB06	6.35	8.00	11.10
8	YNRB08	8.89	10.50	13.60
10	YNRB10	11.43	13.00	16.20
12	YNRB12	13.97	15.60	18.70
14	YNRB14	16.51	18.10	21.30
16	YNRB16	19.05	20.70	23.80
18	YNRB18	21.59	23.20	26.30
20	YNRB20	24.13	25.70	28.90
24	YNRB24	29.21	30.80	34.00
26	YNRB26	31.75	33.30	36.50

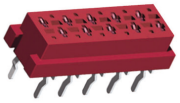
Mini-Match male connector
2.54mm pitch
Paddle type

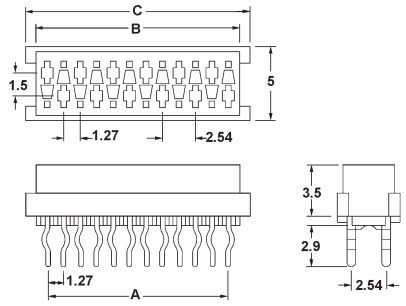




Pins	Part No.	A	B	C
4	YNRC04	3.81	5.40	8.60
6	YNRC06	6.35	8.00	11.10
8	YNRC08	8.89	10.50	13.60
10	YNRC10	11.43	13.00	16.20
12	YNRC12	13.97	15.60	18.70
14	YNRC14	16.51	18.10	21.30
16	YNRC16	19.05	20.70	23.80
18	YNRC18	21.59	23.20	26.30
20	YNRC20	24.13	25.70	28.90
24	YNRC24	29.21	30.80	34.00

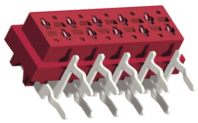
Mini-Match female connector
2.54mm pitch
Straight type

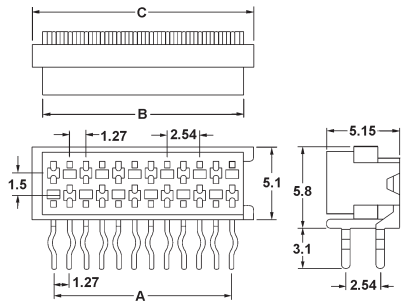




Pins	Part No.	A	B	C
4	YNRE04	3.81	5.59	6.98
6	YNRE06	6.35	8.13	9.52
8	YNRE08	8.89	10.67	12.06
10	YNRE10	11.43	13.21	14.60
12	YNRE12	13.97	15.75	17.14
14	YNRE14	16.51	18.29	19.68
16	YNRE16	19.05	20.83	22.22
18	YNRE18	21.59	23.37	24.76
20	YNRE20	24.13	25.91	27.30
22	YNRE22	26.67	28.45	29.84
24	YNRE24	29.21	30.99	32.38
26	YNRE26	31.75	33.53	34.92

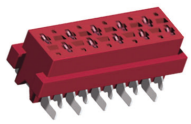
Mini-Match female connector
2.54mm pitch
Right angle type

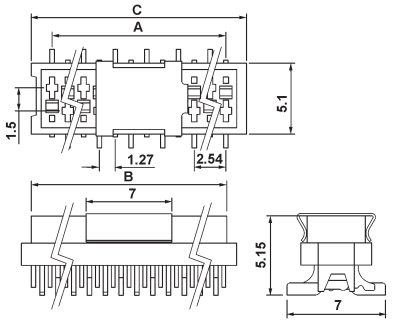




Pins	Part No.	A	B	C
4	YNRF04	3.81	5.59	6.98
6	YNRF06	6.35	8.13	9.52
8	YNRF08	8.89	10.67	12.06
10	YNRF10	11.43	13.21	14.60
12	YNRF12	13.97	15.75	17.14
14	YNRF14	16.51	18.29	19.68
16	YNRF16	19.05	20.83	22.22
18	YNRF18	21.59	23.37	24.76
20	YNRF20	24.13	25.91	27.30
22	YNRF22	26.67	28.45	29.84
24	YNRF24	29.21	30.99	32.38
26	YNRF26	31.75	33.53	34.92

Mini-Match female connector
2.54mm pitch
SMD type

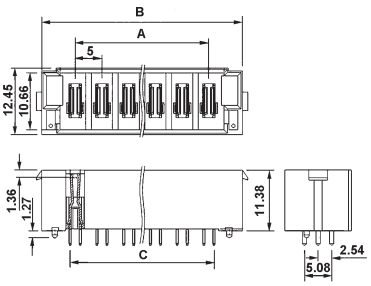




Pins	Part No.	A	B	C
4	YNRG04	3.81	5.59	6.98
6	YNRG06	6.35	8.13	9.52
8	YNRG08	8.89	10.67	12.06
10	YNRG10	11.43	13.21	14.60
12	YNRG12	13.97	15.75	17.14
14	YNRG14	16.51	18.29	19.68
16	YNRG16	19.05	20.83	22.22
18	YNRG18	21.59	23.37	24.76
20	YNRG20	24.13	25.91	27.30
22	YNRG22	26.67	28.45	29.84
24	YNRG24	29.21	30.99	32.38
26	YNRG26	31.75	33.53	34.92

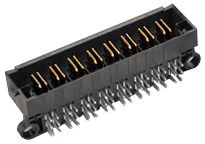
Mini-power male connector
5mm pitch
Straight type

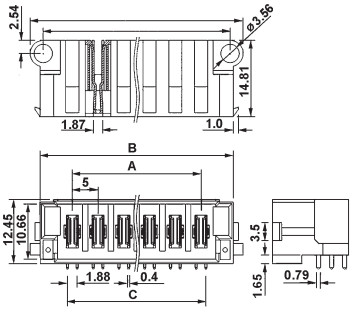




Pins	Part No.	A	B	C
2	YNXA02	5.00	17.55	6.88
3	YNXA03	10.00	22.55	11.88
4	YNXA04	15.00	27.55	16.88
6	YNXA06	25.00	37.55	26.88
8	YNXA08	35.00	47.55	36.88

Mini-power male connector
5mm pitch
Right angle type

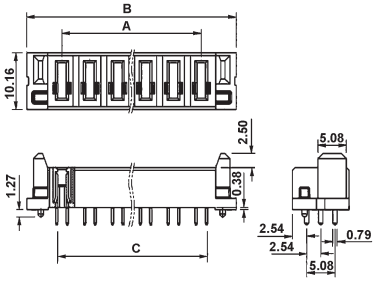




Pins	Part No.	A	B	C
2	YNXB02	5.00	17.55	6.88
3	YNXB03	10.00	22.55	11.88
4	YNXB04	15.00	27.55	16.88
6	YNXB06	25.00	37.55	26.88
8	YNXB08	35.00	47.55	36.88

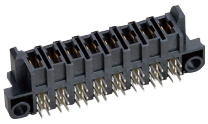
Mini-power female connector
5mm pitch
Straight type

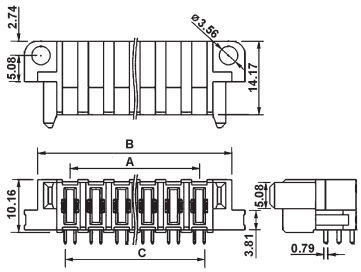




Pins	Part No.	A	B	C
2	YNXC02	5.00	17.55	6.88
3	YNXC03	10.00	22.55	11.88
4	YNXC04	15.00	27.55	16.88
6	YNXC06	25.00	37.55	26.88
8	YNXC08	35.00	47.55	36.88

Mini-power female connector
5mm pitch
Right angle type

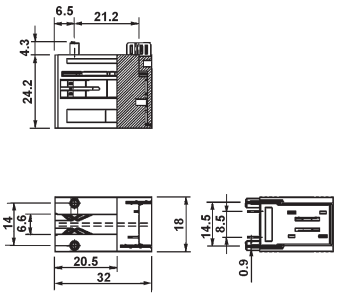




Pins	Part No.	A	B	C
2	YNXD02	5.00	17.55	6.88
3	YNXD03	10.00	22.55	11.88
4	YNXD04	15.00	27.55	16.88
6	YNXD06	25.00	37.55	26.88
8	YNXD08	35.00	47.55	36.88

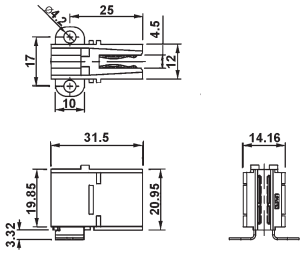
YNXG016
Busbar connector 16A
Switch type
Mates conductor thickness 5mm





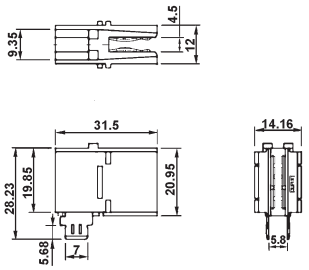
YNXH180
Busbar connector 180A
Screw type
Mates conductor thickness 3mm



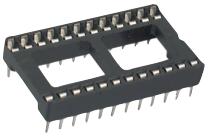


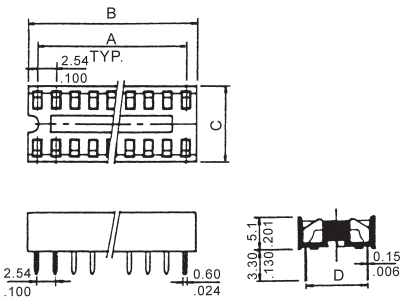
YNXJ200
Busbar connector 200A
Right angle type
Mates conductor thickness 3mm





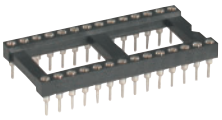
Stamped pin
2.54mm pitch
DIP solder type

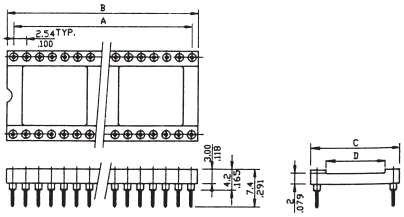




Pins	Part No.	A	B	C	D
8	YP08	7.62	10.00	9.90	7.62
14	YP14	15.24	17.60	9.90	7.62
16	YP16	17.78	20.20	9.90	7.62
18	YP18	20.32	22.70	9.90	7.62
20	YP20	22.86	25.30	9.90	7.62
24	YP24	27.94	30.30	17.60	15.24
28	YP28	33.02	35.40	17.60	15.24
32	YP32	38.10	40.50	17.60	15.24
40	YP40	48.26	50.70	17.60	15.24
48	YP48	58.42	60.80	17.60	15.24

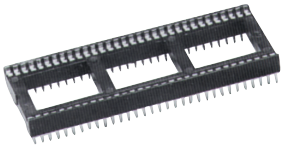
Machine pin
2.54mm pitch
DIP solder type

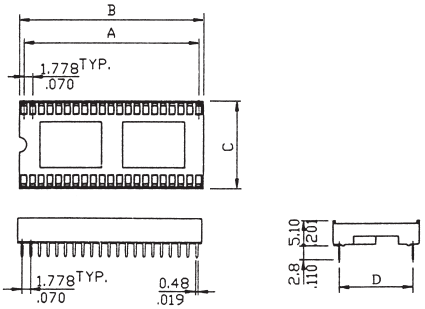




Pins	Part No.	A	B	C	D
8	YPA08	7.62	10.20	10.14	4.04
14	YPA14	15.24	17.80	10.14	4.04
16	YPA16	17.78	20.30	10.14	4.04
18	YPA18	20.32	22.80	10.14	4.04
20	YPA20	22.86	25.40	10.14	4.04
24	YPA24	27.94	30.50	17.72	11.72
28	YPA28	33.02	35.60	17.72	11.72
32	YPA32	38.10	40.60	17.72	11.72
40	YPA40	48.26	50.80	17.72	11.72
48	YPA48	58.42	60.90	17.72	11.72

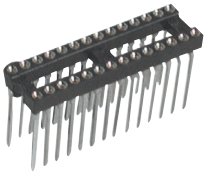
Stamped pin
high density 1.778mm pitch
DIP solder type

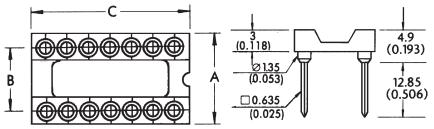




Pins	Part No.	A	B	C	D
24	YPC24	19.56	21.33	12.60	10.16
28	YPC28	23.11	24.89	12.60	10.16
30	YPC30	24.89	26.67	12.60	10.16
40	YPC40	33.78	35.56	17.50	15.24
42	YPC42	35.56	37.34	17.50	15.24
64	YPC64	55.12	56.90	21.50	19.05

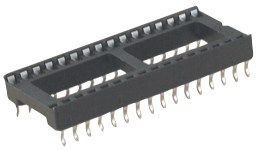
Machine pin
2.54mm pitch
wire wrap type

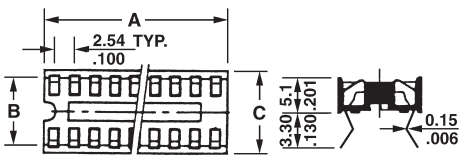




Pins	Part No.	A	B	C
8	YPCC08	10.1	7.62	10.1
14	YPCC14	10.1	7.62	17.7
16	YPCC16	10.1	7.62	20.3
18	YPCC18	10.1	7.62	22.8
20	YPCC20	10.1	7.62	25.4
24	YPCC24	17.7	15.24	30.4
28	YPCC28	17.7	15.24	35.5
32	YPCC32	17.7	15.24	40.6
40	YPCC40	17.7	15.24	50.8
48	YPCC48	17.7	15.24	60.9

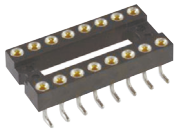
Stamped pin
2.54mm pitch
bent type

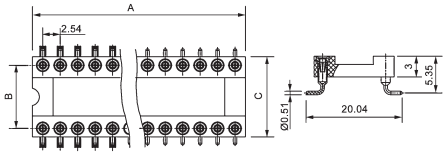




Pins	Part No.	A	B	C
8	YPCE08	10.00	7.62	9.90
14	YPCE14	17.60	7.62	9.90
16	YPCE16	20.20	7.62	9.90
18	YPCE18	22.70	7.62	9.90
20	YPCE20	25.30	7.62	9.90
24	YPCE24	30.30	15.24	17.60
28	YPCE28	35.40	15.24	17.60
32	YPCE32	40.50	15.24	17.60
40	YPCE40	50.70	15.24	17.60
48	YPCE48	60.80	15.24	17.60

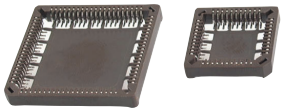
Machine pin
2.54mm pitch
SMD type

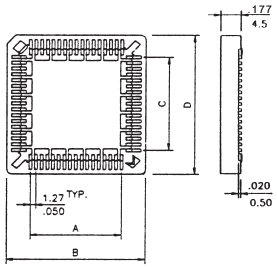




Pins	Part No.	A	B	C
8	YPCH08	10.16	7.62	10.16
10	YPCH10	12.70	7.62	10.16
14	YPCH14	17.78	7.62	10.16
16	YPCH16	20.32	7.62	10.16
18	YPCH18	22.86	7.62	10.16
20	YPCH20	25.40	7.62	10.16
24	YPCH24	30.48	15.24	17.78
28	YPCH28	35.56	15.24	17.78
32	YPCH32	40.64	15.24	17.78
40	YPCH40	50.80	15.24	17.78

PLCC socket (SMD)

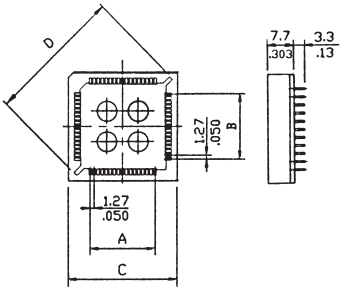




Dimension / Item No.	A	B	C	D
YPD20	5.08	15.24	5.08	15.24
YPD28	7.62	17.78	7.62	17.78
YPD32	10.16	18.20	7.62	20.74
YPD44	12.70	23.28	12.70	23.28
YPD52	15.24	25.74	15.24	25.74
YPD68	20.32	30.82	20.32	30.82
YPD84	25.40	35.90	25.40	35.90

PLCC socket (DIP)

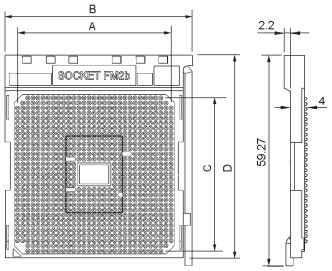




Dimension / Item No.	A	B	C	D
YPE28	7.62	7.62	18.00	22.40
YPE32	7.62	10.16	18.00	24.20
YPE44	12.70	12.70	23.50	28.20
YPE52	15.24	15.24	26.00	31.30
YPE68	20.32	20.32	31.00	39.00
YPE84	25.40	25.40	36.00	45.50

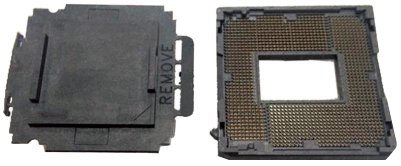
AMD FM2+
ZIF PGA socket
(SMD)

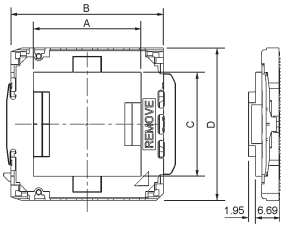




Item No.	Pins	A	B	C	D
YPFC906	906	38.1	50.34	38.1	55.61

Intel LGA 1150 socket (SMD)





Item No.	Pins	A	B	C	D
YPFD1150	1150	30	42.5	29	42.5

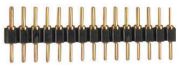
2.54mm Machined pin
single row
DIP straight type

YPG1Axx
No of pins
(5,10,15,20,25,30,32,
35,40 pins available)



2.54mm Machined pin
single row
DIP straight type

YPG1Cxx
No of pins
(5,10,15,20,25,30,32,
35,40 pins available)



2.54mm Machined pin
double rows
DIP straight type

YPG2Axx
No of pins
(10,20,30,32,40,50,60,64,
70,80 pins available)



2.54mm Machined pin
double rows
DIP straight type

YPG2Cxx
No of pins
(10,20,30,40,50,60,64,
70,80 pins available)



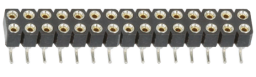
2.54mm Machined pin
single row
SMD type

YPG1Exx
No of pins
(5,10,15,20,25,30,32,
35,40 pins available)



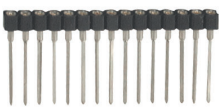
2.54mm Machined pin
double rows
SMD type

YPG2Exx
No of pins
(10,20,30,32,40,50,60,64,
70,80 pins available)



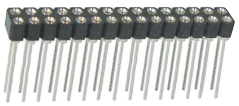
2.54mm Wire-wrap pin
single row

YPH1Bxx
No of pins
(5,10,15,20,25,30,32,
35,40 pins available)



2.54mm Wire-wrap pin
double rows

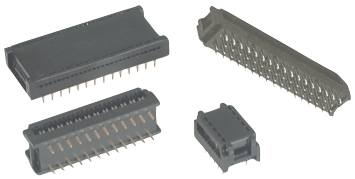
YPH2Bxx
No of pins
(10,20,30,32,40,50,60,64,
70,80 pins available)



IDC DIP connector

* Contact material : phosphor bronze
* Current rating : 1 AMP
* Insulation material : polyester UL 94V-0

Q



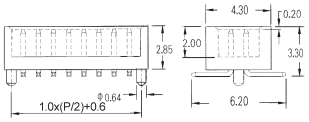
* 0.100" x 0.100" : 08 to 64 pins
* 0.100" x 0.300" : 08 to 40 pins
* 0.100" x 0.600" : 24 to 42 pins
* High density
  1.27mm x 2mm : 30 to 100 pins

YQFxxA/B/D/H

No. of pins	
0.100" x 0.100"	
0.100" x 0.300"	
0.100" x 0.600"	
1.27mm x 2mm	

Box header 1.0mm (SMD)
YR100Axx
└ No. of pins : 08 to 120

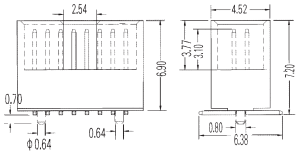




Box header 1.0mm (SMD)
YR100Bxx
└ No. of pins : 10 to 60

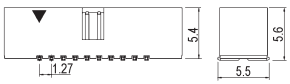
R



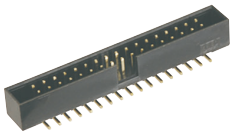


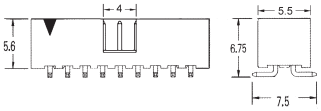
Box header 1.27mm (SMD)
YR127Bxx
└ No. of pins : 06 to 98





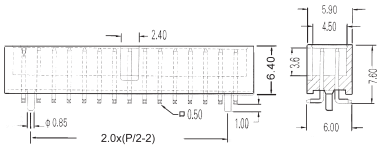
Box header 2.0mm (SMD)
YR200Axx
└ No. of pins : 06 to 80





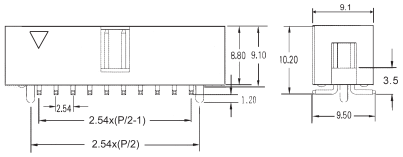
Box header 2.0mm (SMD)
YR200Bxx
└ No. of pins : 10 to 50





Box header 2.54mm (SMD)
YR254Bxx
└ No. of pins : 10 to 40

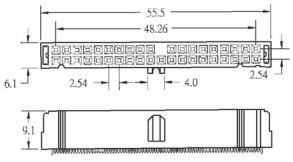




Ultra ATA bus socket 0.635mm
W/strain relief

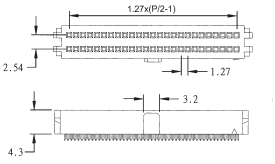
YRK40



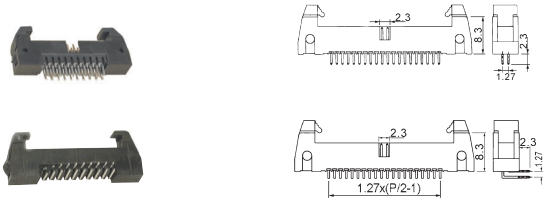


IDC socket 1.27mm
YRHxx
└ No. of pins : 10 to 100

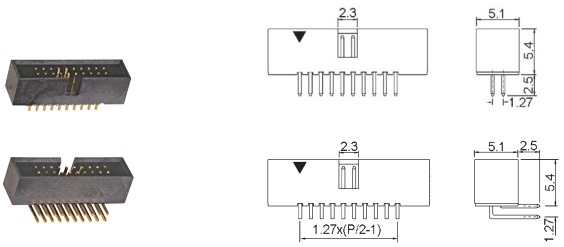




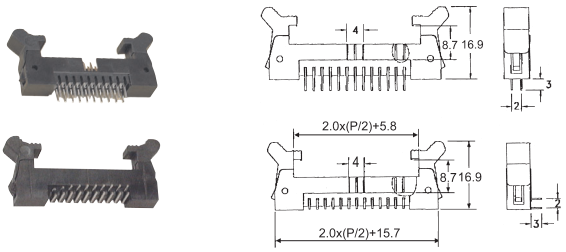
Box header 1.27mm
W/latch lever
Straight : **YRCxx**
Right angle : **YRDxx**
No. of pins : 06 to 100



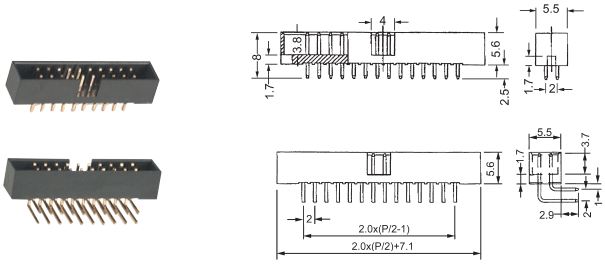
Box header 1.27mm
Straight : **YRCWxx**
Right angle : **YRDWxx**
No. of pins : 10 to 120



Box header 2.0mm
W/latch lever
Straight : **YRAxx**
Right angle : **YRBxx**
No. of pins : 10 to 68

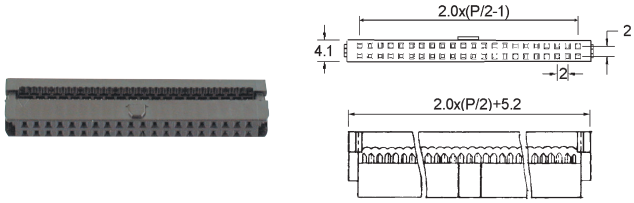


Box header 2.0mm
Straight : **YRAWxx**
Right angle : **YRBWxx**
No. of pins : 06 to 64



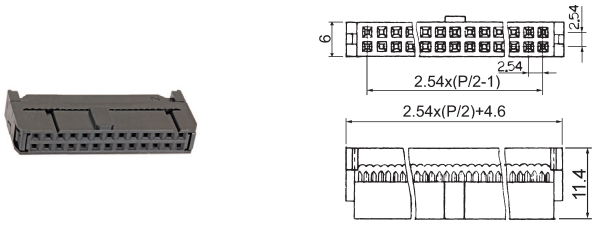
IDC socket 2.0mm

YRGxx
No. of pins : 10 to 68

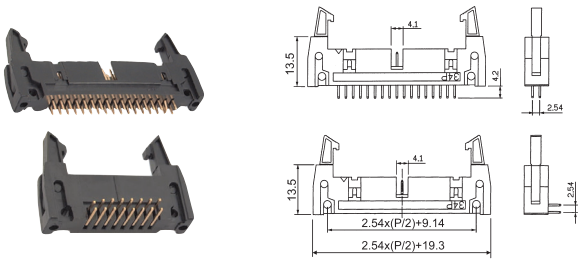


IDC socket 2.54mm
W/strain relief

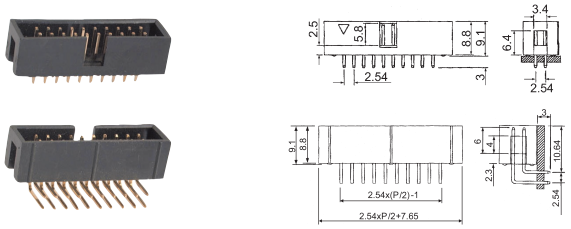
YRFxx
No. of pins : 06 to 64



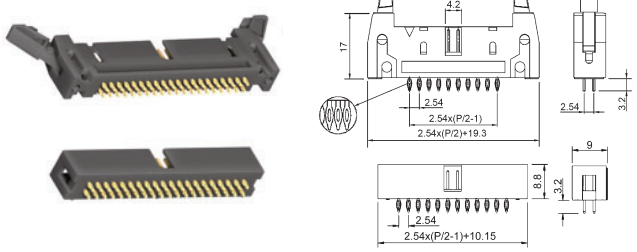
Box header 2.54mm
W/latch lever
Straight : **YRNxx**
Right angle : **YRRxx**
No. of pins : 10 to 64



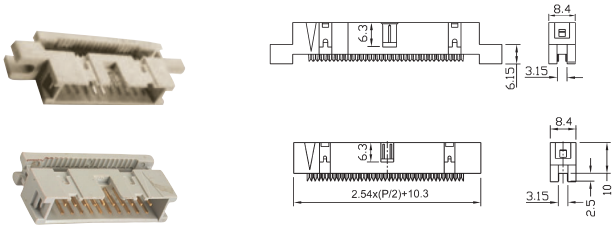
Box header 2.54mm
Straight : **YRNWxx**
Right angle : **YRRWxx**
No. of pins : 06 to 64



Box header 2.54mm press fit type
Straight : **YRPxx**
Straight : **YRPWxx** (W/O latch lever)
No. of pins : 10 to 64



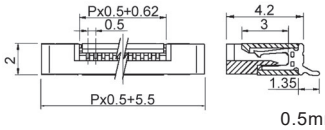
IDC box header 2.54mm
W/ ear : **YRYxx**
W/O ear : **YRZxx**
No. of pins : 10 to 64



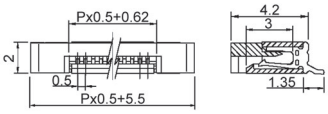
S

FPC/FFC ZIF connector (SMD) top contact
YS05Axx





FPC/FFC ZIF connector (SMD) bottom contact
YS05Bxx

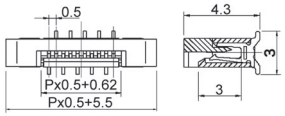




0.5mm pitch (04 to 50 pins)

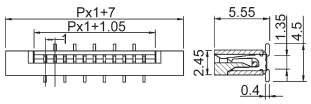
FPC/FFC ZIF connector (SMD)
YS05Cxx





0.5mm pitch (04 to 50 pins)

FPC/FFC ZIF connector (SMD)
YS100Cxx

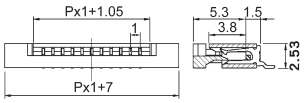




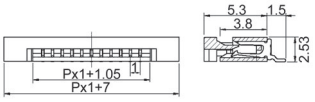
1.0mm pitch (04 to 34 pins)

FPC/FFC ZIF connector (SMD) top contact
YS100Axx





FPC/FFC ZIF connector (SMD) bottom contact
YS100Bxx

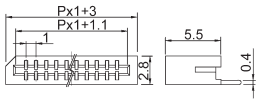




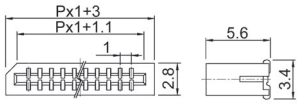
1.0mm pitch (04 to 50 pins)

FPC/FFC non ZIF connector (SMD) dual contact
YS100Exx





FPC/FFC non ZIF connector (SMD) dual contact
YS100Fxx

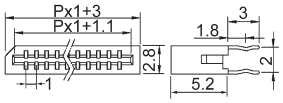




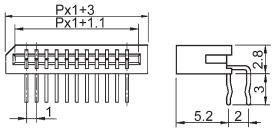
1.0mm pitch (02 to 36 pins)

FPC/FFC non ZIF connector (dual contact)
YS100Nxx





FPC/FFC non ZIF connector (right angle) dual contact
YS100Rxx

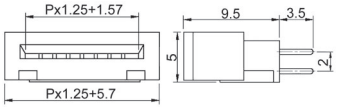




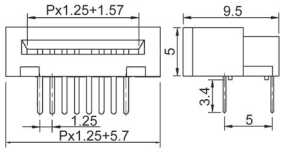
1.0mm pitch (02 to 36 pins)

FPC/FFC ZIF connector
YS125Jxx





FPC/FFC ZIF connector (right angle)
YS125Kxx

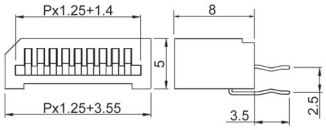




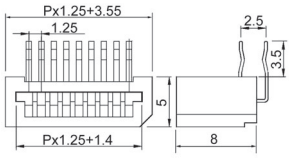
1.25mm pitch (03 to 40 pins)

FPC/FFC non ZIF connector
YS125Nxx





FPC/FFC non ZIF connector (right angle)
YS125Rxx

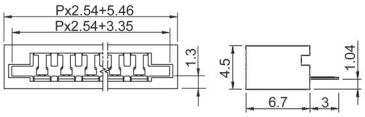




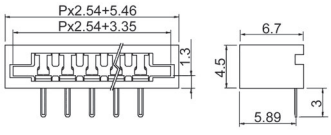
1.25mm pitch (04 to 36 pins)

FPC/FFC non ZIF connector
YS254Nxx





FPC/FFC non ZIF connector (right angle)
YS254Rxx



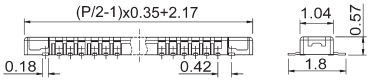


2.54mm pitch (02 to 28 pins)

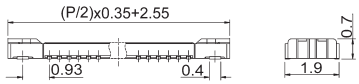
S

Board to board male connector (SMD)
YSB03Axx





Board to board female connector (SMD)
YSB03Bxx

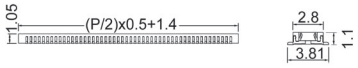




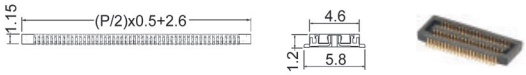
0.35mm pitch (10 to 60 pins) male + female =0.7mm

Board to board male connector (SMD)
YSB05Axx





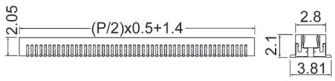
Board to board female connector (SMD)
YSB05Bxx



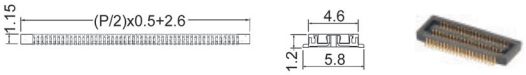
0.5mm pitch (20 to 60 pins) male + female =1.5mm

Board to board male connector (SMD)
YSB05Exx





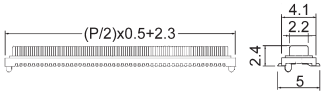
Board to board female connector (SMD)
YSB05Bxx



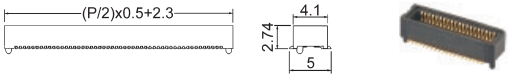
0.5mm pitch (20 to 60 pins) male + female =2.5mm

Board to board male connector (SMD)
YSB05Jxx





Board to board female connector (SMD)
YSB05Kxx



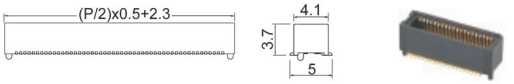
0.5mm pitch (20 to 60 pins) male + female =3.5mm

Board to board male connector (SMD)
YSB05Jxx





Board to board female connector (SMD)
YSB05Mxx



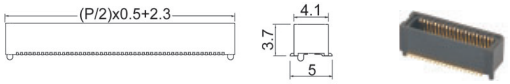
0.5mm pitch (20 to 60 pins) male + female =4.5mm

Board to board male connector (SMD)
YSB05Nxx





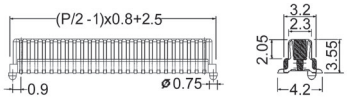
Board to board female connector (SMD)
YSB05Mxx



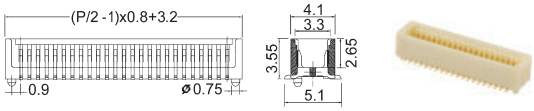
0.5mm pitch (20 to 60 pins) male + female =5.0mm

Board to board male connector (SMD)
YSB08Axx





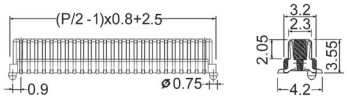
Board to board female connector (SMD)
YSB08Bxx



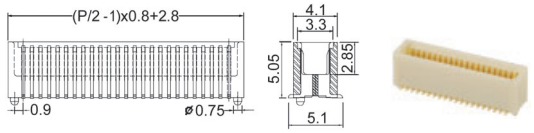
0.8mm pitch (20 to 100 pins) male + female =4.6mm

Board to board male connector (SMD)
YSB08Axx





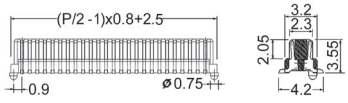
Board to board female connector (SMD)
YSB08Dxx



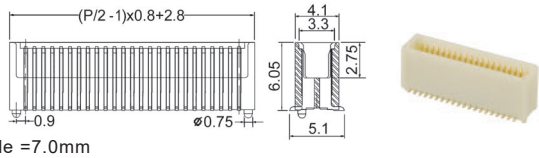
0.8mm pitch (20 to 100 pins) male + female =6.0mm

Board to board male connector (SMD)
YSB08Axx





Board to board female connector (SMD)
YSB08Hxx

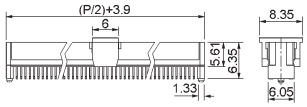


0.8mm pitch (20 to 100 pins) male + female =7.0mm

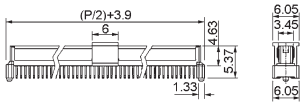
S

Board to board male connector (SMD)
YSB10Axx





Board to board female connector (SMD)
YSB10Dxx

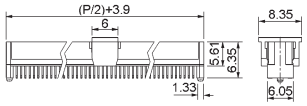




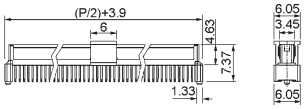
1.0mm pitch (20/30/34/40/64/80 pins) male + female =8mm

Board to board male connector (SMD)
YSB10Axx





Board to board female connector (SMD)
YSB10Exx

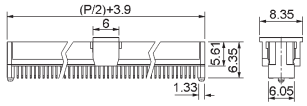




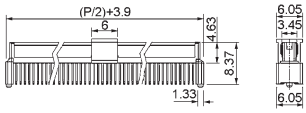
1.0mm pitch (20/30/34/40/64/80 pins) male + female =10mm

Board to board male connector (SMD)
YSB10Axx





Board to board female connector (SMD)
YSB10Fxx

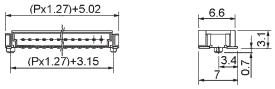




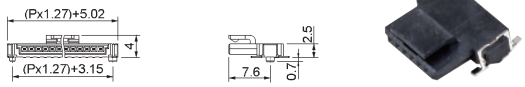
1.0mm pitch (20/30/34/40/64/80 pins) male + female =11mm

Board to board male connector (SMD)
YSB12Axx





Board to board female connector (SMD)
YSB12Bxx

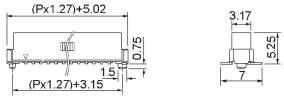


1.27mm pitch (12 pins)

1.27mm pitch (12 pins)

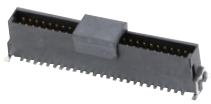
Board to board male connector (SMD)
YSB12Cxx

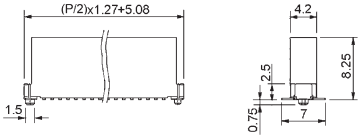




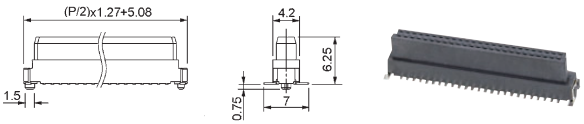
1.27mm pitch (12 pins)

Board to board male connector dual rows (SMD)
YSB12Exx



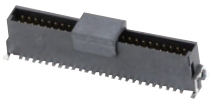


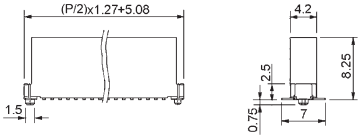
Board to board female connector dual rows (SMD)
YSB12Fxx



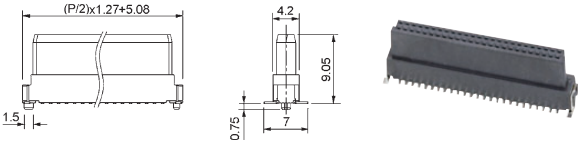
1.27mm pitch (80 pins) male + female =9.5mm

Board to board male connector dual rows (SMD)
YSB12Exx





Board to board female connector dual rows (SMD)
YSB12Gxx

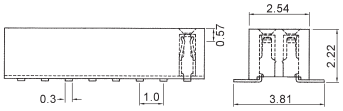


1.27mm pitch (80 pins) male + female =12.3mm

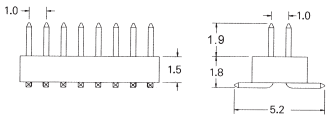
T

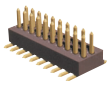
Female header dual rows (SMD)
YT100Exx





Pin header dual rows (SMD)
YT100Pxx

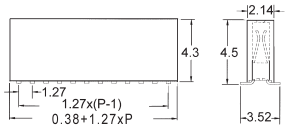




1.0mm pitch (06 to 98 pins)

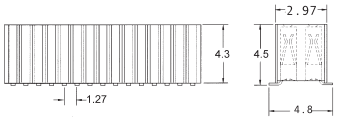
Female header single row (SMD)
YT127Axx





1.27mm pitch (03 to 40 pins)

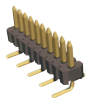
Female header dual rows (SMD)
YT127Exx

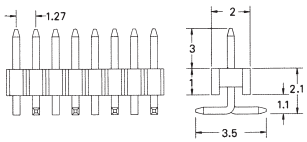




1.27mm pitch (06 to 98 pins)

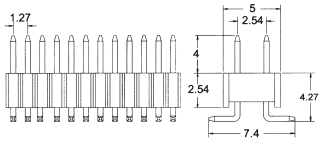
Pin header single row (SMD)
YT127Nxx

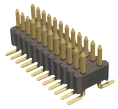




1.27mm pitch (03 to 32 pins)

Pin header dual rows (SMD)
YT127Pxx

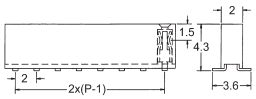




1.27mm pitch (06 to 98 pins)

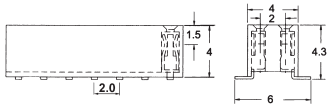
Female header single row (SMD)
YT200Axx

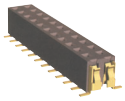




2.0mm pitch (03 to 40 pins)

Female header dual rows (SMD)
YT200Exx

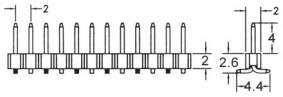




2.0mm pitch (06 to 60 pins)

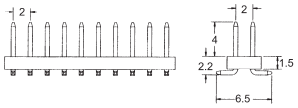
Pin header single row (SMD)
YT200Nxx

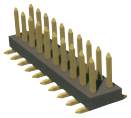




2.0mm pitch (03 to 40 pins)

Pin header dual rows (SMD)
YT200Pxx

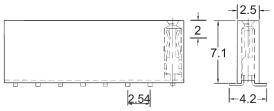




2.0mm pitch (06 to 80 pins)

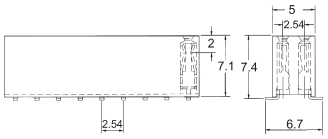
Female header single row (SMD)
YT254Axx





2.54mm pitch (03 to 40 pins)

Female header dual rows (SMD)
YT254Exx

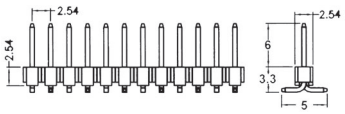




2.54mm pitch (04 to 80 pins)

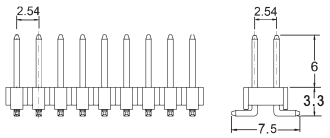
Pin header single row (SMD)
YT254Nxx





2.54mm pitch (02 to 40 pins)

Pin header dual rows (SMD)
YT254Pxx





2.54mm pitch (06 to 64 pins)

2.0mm Pitch mini jumper (1K/bag)
YT9200A /B

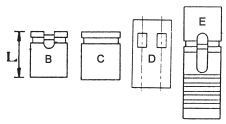




L: A=4.6 (close) B=4.6mm (open)

2.54mm Pitch mini jumper (1K/bag)
YT9254B /C /D /E

T

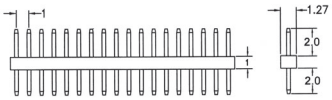




L: B=4.5 (open) C=6.0 (close) D=8 (close) E=13.5mm (open)

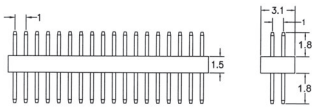
Pin header single row
YTA10Nxx





1.00mm pitch (04 to 40 pins)

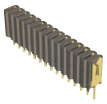
Pin header dual rows
YTA20Nxx

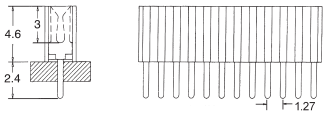




1.00mm pitch (04 to 40 pins)

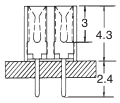
Female header single row
YTA1Nxx





1.27mm pitch (03 to 40 pins)

Female header dual rows
YTA2Nxx

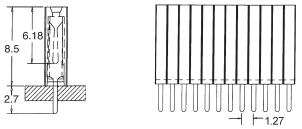




1.27mm pitch (06 to 98 pins)

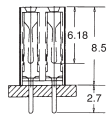
Female header single row
YTB1Nxx





1.27mm pitch (03 to 36 pins)

Female header dual rows
YTB2Nxx

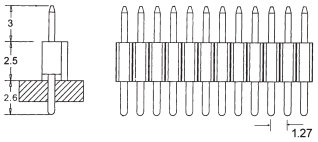




1.27mm pitch (06 to 98 pins)

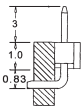
Pin header single row
YTC1Nxx





1.27mm pitch (03 to 32 pins)

Pin header single row (right angle)
YTC1Rxx

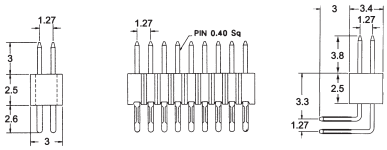




1.27mm pitch (02 to 40 pins)

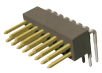
Pin header dual rows
YTC2Nxx



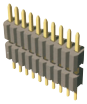


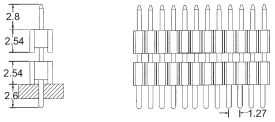
1.27mm pitch (06 to 98 pins)

Pin header dual rows (right angle)
YTC2Rxx



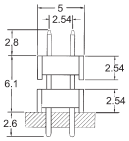
Pin stack header single row
YTD1Nxx

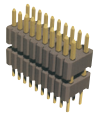




1.27mm pitch (03 to 32 pins)

Pin stack header dual rows
YTD2Nxx

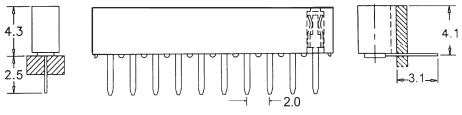




1.27mm pitch (06 to 98 pins)

Female header single row
YTK1Nxx





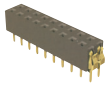
2.0mm pitch (03 to 40 pins)

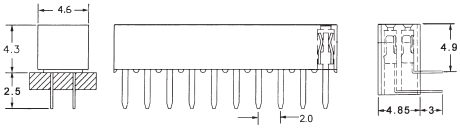
Female header single row (right angle)
YTK1Rxx



2.0mm pitch (03 to 25 pins)

Female header dual rows
YTK2Nxx





2.0mm pitch (06 to 64 pins)

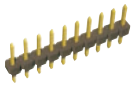
Female header dual rows (right angle)
YTK2Rxx

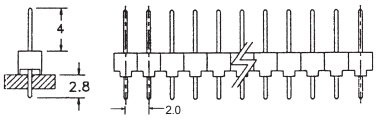


2.0mm pitch (06 to 80 pins)

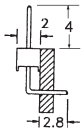
T

Pin header single row
YTM1Nxx





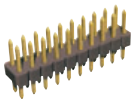
Pin header single row (right angle)
YTM1Rxx

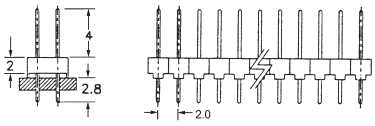




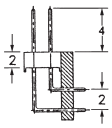
2.0mm pitch (02 to 40 pins)

Pin header dual rows
YTP2Nxx





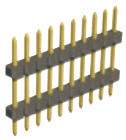
Pin header dual rows (right angle)
YTP2Rxx



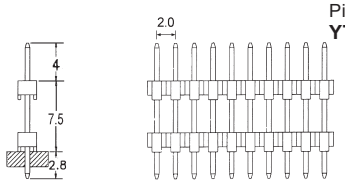


2.0mm pitch (02 to 40 pins)

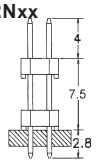
Pin stack header single row
YTQ1Nxx

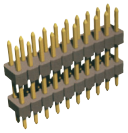


2.0mm pitch (02 to 40 pins)



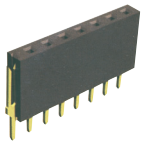
Pin stack header dual rows
YTQ2Nxx

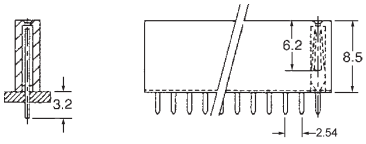




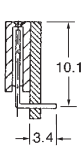
2.0mm pitch (04 to 80 pins)

Female header single row
YTS1Nxx





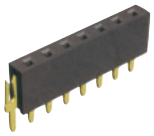
Female header single row (right angle)
YTS1Rxx

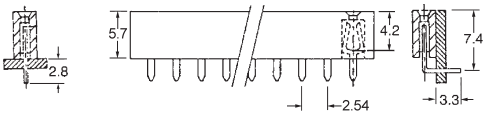




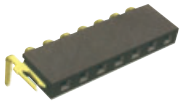
2.54mm pitch (02 to 40 pins)

Female header single row
YTS1NSxx



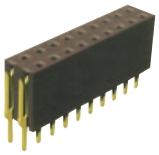


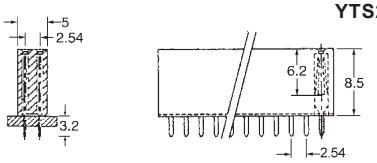
Female header single row (right angle)
YTS1RSxx



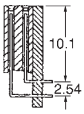
2.54mm pitch (02 to 40 pins)

Female header dual rows
YTS2Nxx





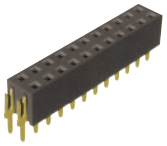
Female header dual rows (right angle)
YTS2Rxx

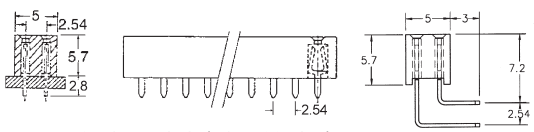




2.54mm pitch (04 to 80 pins)

Female header dual rows
YTS2NSxx





Female header dual rows (right angle)
YTS2RSxx

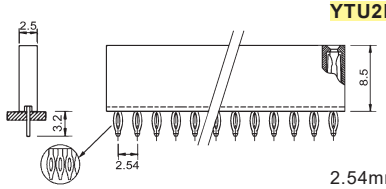


2.54mm pitch (04 to 80 pins)

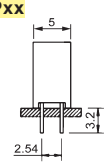
Female header single row (press fit type)
YTU1Pxx

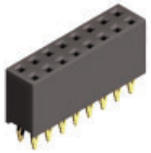


2.54mm pitch (02 to 40 pins)



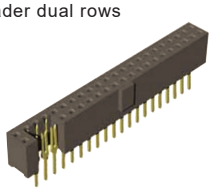
Female header dual rows (press fit type)
YTU2Pxx



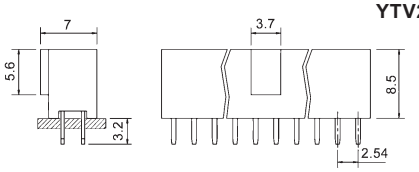


2.54mm pitch (04 to 80 pins)

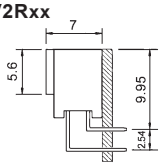
Female header dual rows
YTV2Nxx



2.54mm pitch (08 to 64 pins)



Female header dual rows (right angle)
YTV2Rxx



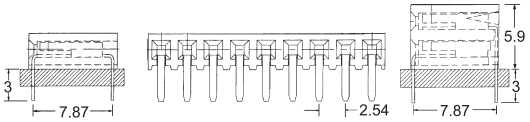


2.54mm pitch (10 to 64 pins)

V

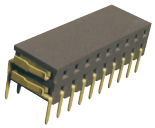
Side entry female header single row (right angle)
YV1Rxx





2.54mm pitch (02 to 40 pins)

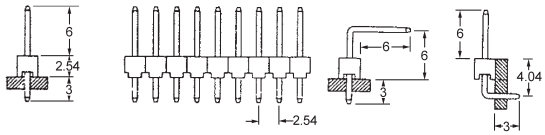
Side entry female header dual rows (right angle)
YV2Rxx



2.54mm pitch (04 to 80 pins)

Pin header single row
YVNxx



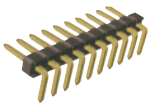


2.54mm pitch (02 to 40 pins)

Pin header single row (right angle)
YVRxx

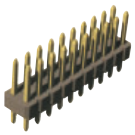


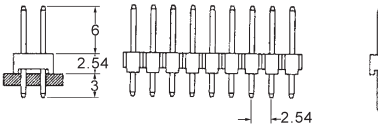
YVSxx



W

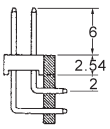
Pin header dual rows
YWNxx





2.54mm pitch (04 to 80 pins)

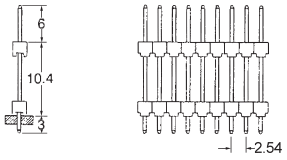
Pin header dual rows (right angle)
YWRxx





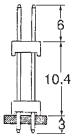
Pin stack header single row
YWSxx

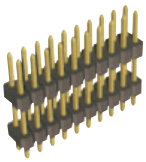




2.54mm pitch (02 to 40 pins)

Pin stack header dual rows
YWTxx

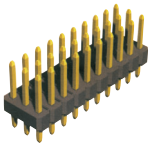


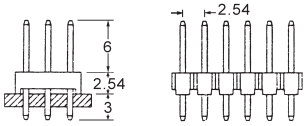


2.54mm pitch (04 to 80 pins)

X

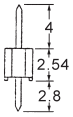
Pin header triple rows
YX3Nxx

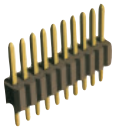




2.54mm pitch (09 to 120 pins)

Pin header single row
YX1Nxx

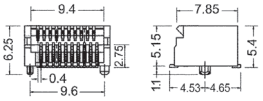




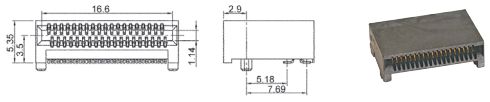
2.54mm pitch (03 to 32 pins)

20P SFP female SMD type
YXSB20F



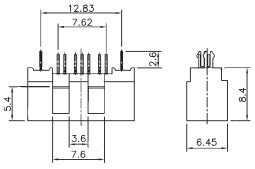


38P QSFP female SMD type
YXSC38F

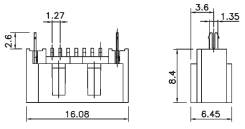


7P SATA 3.0 female dip type
YXSE07F





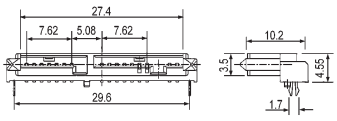
7P SATA 3.0 female SMD type
YXSE07F1



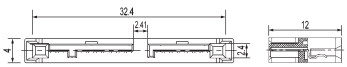


7+9P Micro SATA female SMD type
YXSE16F





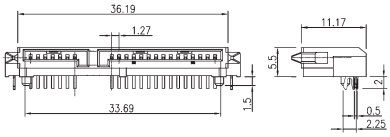
7+9P Mirco SATA male SMD type
YXSE16M



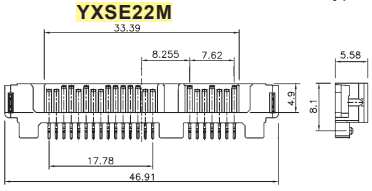


7+15P SATA 3.0 female dip type (right angle)
YXSE22F





7+15P SATA 3.0 male SMD type
YXSE22M





Y001
1.0mm

YY001Cxx Housing
(pins 2-20)

YY001Nxx Wafer (SMD)
(pins 2-20)



YY001CT Terminal
(15K/reel)



Y003
1.25mm

YY003Cxx Housing
(pins 2-30)



YY003Nxx Wafer (SMD)
(pins 2-30)



YY003CT Terminal
(15K/reel)



Y004
1.25mm

YY004Cxx Housing
(pins 2-30)



YY004Nxx Wafer (SMD)
(pins 2-30)



YY004CT Terminal
(15K/reel)



Y005
1.25mm

YY005Cxx Housing
(pins 2-15)



YY005Nxx Wafer
(pins 2-15)



YY005CT Terminal
(15K/reel)



Y007
1.5mm

YY007Cxx Housing
(pins 2-13)

YY007Nxx Wafer (SMD)
(pins 2-13)



YY007CT Terminal
(15K/reel)



Y 01
2.0mm

YY01Cxx Housing
(pins 2-15)



YY01Nxx Wafer
(pins 2-15)



YY01CT Terminal
(10K/reel)



Y 02
2.0mm

YY02Cxx Housing (single row)
(pins 2-20)



YY022Cxx Housing (double rows)
(pins 4-80)



YY02CT Terminal
(10K/reel)



Y 03
2.0mm

YY03Cxx Housing
(pins 2-15)



YY03Rxx Wafer (right angle)
(pins 2-15)



YY03CT Terminal
(10K/reel)



Y 05
2.5mm

YY05Cxx Housing
(pins 2-20)



YY05Nxx Wafer
(pins 2-20)



YY05CT Terminal
(8K/reel)



YY06Cxx Housing
(pins 2-20)



YY06Nxx Wafer
(pins 2-20)



YY06CT Terminal
(8K/reel)



Y 06
2.5mm

YY07Cxx Housing
(pins 2-15)



YY07Nxx Wafer
(pins 2-15)



YY07CT Terminal
(10K/reel)



Y 07
2.5mm

YY09Cxx Housing (single row)
(pins 1-16)



YY092Cxx Housing (double rows)
(pins 4-16)



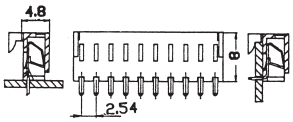
YY09CT Terminal
(10K/reel)



Y 09
2.54mm

YY1Nxx Female header
(pins 2-20)





YY1Rxx Female header (right angle)
(pins 2-20)



YY2Cxx Housing
(pins 2-20)



Y 1
Y 2
2.54mm

YY3Nxx Lock wafer
(pins 2-20)



YY3Rxx Lock wafer (right angle)
(pins 2-20)



YY2CT Terminal
(10K/reel)



Y 3
2.54mm

YY4Nxx Lock wafer
(pins 2-20)



YY4Rxx Lock wafer (right angle)
(pins 2-20)



YY5Cxx Housing
(pins 2-20)



Y 4
Y 5
3.96mm

YY6Nxx Wafer
(pins 2-20)



YY6Rxx Wafer (right angle)
(pins 2-20)



YY5CT Terminal
(6K/reel)



Y 5
Y 6
3.96mm

YY7CRxx Housing
(pins 1-6)



YY7CPxx Wafer
(pins 1-6)



YY7CTR Terminal
(6K/reel)



Y 7
5.0mm

YY75CRxx Housing
(pins 1-6)



YY75CPxx Wafer
(pins 1-6)



YY75CTR Terminal
(6K/reel)



Y 7
8.0mm

YY8CRAxx
Mini-fit power connector plug (pins 2-24)

YY8CTRA Terminal (5K/reel)



YY8CPAxx
Mini-fit power connector wafer (pins 2-24)



YY8CPBxx
Mini-fit power connector wafer right angle (pins 2-24)



Y 8
4.2mm

YY8CR
Disk drive power connector plug



YY8CTR Terminal (7K/reel)



YY8CTP Terminal (7K/reel)



YY8CP
Disk drive power connector receptacle

Y 8
5.08mm

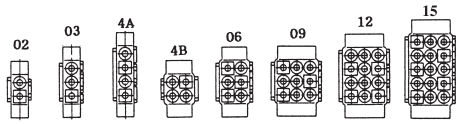
YY9Cxx
Wire to wire connector plug (pins 2-15)

YY9CT Terminal (7K/reel)



YY10CT Terminal (7K/reel)





YY10Cxx
Wire to wire connector receptacle (pins 2-15)



Y 9
Y 10
Pin 1.3 Ø

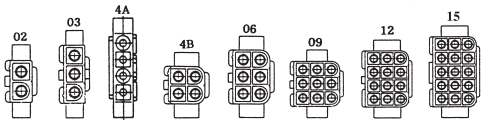
YY11Cxx
Wire to wire connector plug (pins 2-15)

YY11CT Terminal (5K/reel)



YY12CT Terminal (5K/reel)





YY12Cxx
Wire to wire connector receptacle (pins 2-15)



Y 11
Y 12
Pin 2.0 Ø

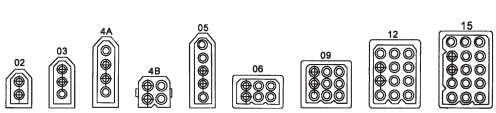
YY13Cxx
Wire to wire connector plug (pins 1-15)

YY13CT Terminal (7K/reel)



YY14CT Terminal (7K/reel)





YY14Cxx
Wire to wire connector receptacle (pins 1-15)



Y 13
Y 14
Pin 1.58 Ø

YY15Cxx
Wire to wire connector plug (pins 1-15)

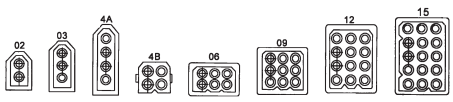


YY15CT Terminal (3.5K/reel)



YY16CT Terminal (3.5K/reel)





YY16Cxx
Wire to wire connector receptacle (pins 1-15)



Y 15
Y 16
Pin 2.36 Ø

YY17Cxx
Power connector plug (pins 2-18)



YY17CT Terminal (7K/reel)



YY18CT Terminal (7K/reel)



YY18Cxx
Power connector receptacle (pins 2-18)



Y 17
Y 18
2.5mm

YY19Cxx
Micro-fit power connector plug (pins 2-24)



YY19CT Terminal (10K/reel)



YY20CT Terminal (10K/reel)

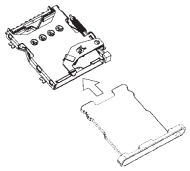


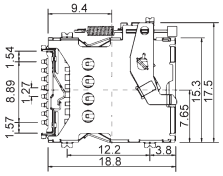
YY20Cxx
Micro-fit power connector receptacle (pins 2-24)



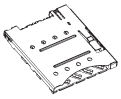
Y 19
Y 20
3.0mm

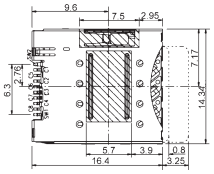
ZA0020
Micro SIM card connector SMT type W/post
Cover : tray type (metal)
8pin



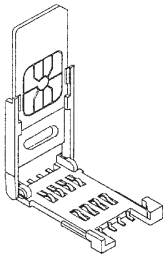


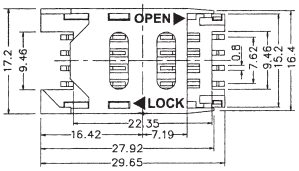
ZA0021
Micro SIM card connector SMT type W/O post
Cover : push push type
8pin



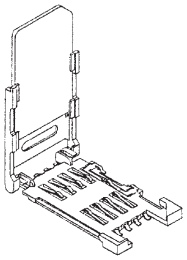


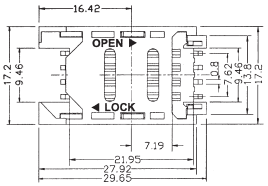
ZA003
SIM card connector
A: 6pin
B: 8pin



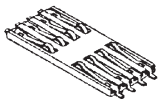


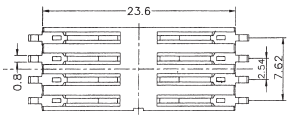
ZA005
SIM card connector
A: 6pin
B: 8pin



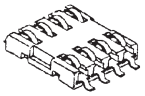


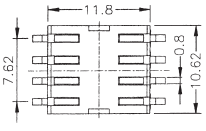
ZA020
Smart card connector W/post
B: 8pin





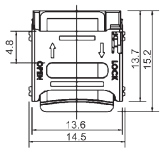
ZA023
Smart card connector
A: 6pin
B: 8pin





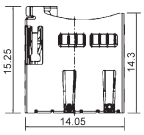
ZA026
Micro SD card connector (hinge type)





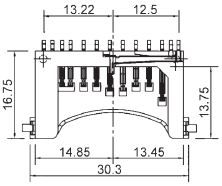
ZA027
Micro SD card connector (push push type)





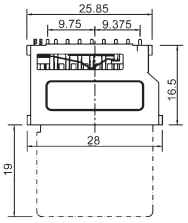
ZA028
SD card connector (non-shielding type)





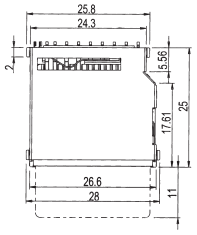
ZA029
SD card connector (short type)





ZA030
SD card connector
1A 250V

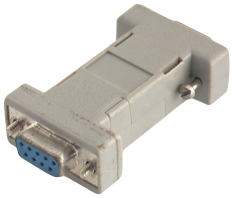




ZG0925MM /MF /FF /FM
RS232 gender changer



ZGC09MM /MF /FF
RS232 gender changer



ZGC15MM /MF /FF
RS232 gender changer



ZGC25MM /MF /FF
RS232 gender changer



ZH0915MM /MF /FF /FM
DB9 - HD15 gender changer



ZN0909MF
DB9M - DB9F mini null modem adaptor



ZN0925MM /MF /FM /FF
DB9 - DB25 mini serial port adaptor



ZN09MM /MF /FF
Mini gender changer



ZN1515MM /MF /FF
Mini gender changer (HD15)



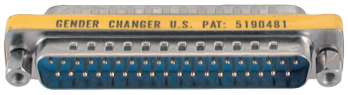
ZN15MM /MF /FF
Mini gender changer



ZN25MM /MF /FF
Mini gender changer



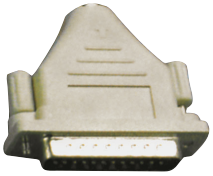
ZN37MM /MF /FF
Mini gender changer



ZN6J09F
ZN6P09F
ZN6P09M
Mini din 6P - DB9
gender changer



ZN6P25M
ZN6J25F
Mini din 6P - DB25
gender changer



ZP0AFAF
USB/A type female to A type female



ZP0AFBF
USB/A type female to B type female



ZP0AFBM
USB/A type female to B type male



ZP0AMAM
USB/A type male to A type male



ZP0AMBF
USB/A type male to B type female



ZP0BFBF
USB/B type female to B type female



ZP0BMBM
USB/B type male to B type male



ZP1AF5BM
USB/A type female to 5P mini USB/B type male



ZP1AM4AM
USB/A type male to 4P mini USB/A type male



ZP1AM5BM
USB/A type male to 5P mini USB/B type male



ZP2M5BF
Micro USB/B type male to 5P mini USB/B type female



ZP2MAF
Micro USB/B type male to USB/A type female
ZP2MAFG
Micro USB/B type male to USB/A type female (OTG)



ZP2MAM
Micro USB/B type male to USB/A type male



ZP2MBF
Micro USB/B type male to USB/B type female



ZP3AF3M
USB 3.0/A type female to micro USB/B type male
(OTG)



ZP3AFAF
USB 3.0/A type female to A type female



ZP3AM3M
USB 3.0/A type male to micro USB/B type male



ZP3AM5BM
USB 3.0/A type male to 5P mini USB/B type male



ZP3AMAM
USB 3.0/A type male to A type male



ZP3AMBM
USB 3.0/A type male to B type male



ZP3BF3M
USB 3.0/B type female to micro USB/B type male



ZP3CM2F
USB 3.1/C type male to micro USB 2.0/B type female



ZP3CM2G
USB 3.1/C type male to micro USB 2.0/B type female
(OTG)



ZP3CM3AG
USB 3.1/C type male to USB 3.0/A type female
(OTG)



ZP3CMCF
USB 3.1/C type male to C type female



ZP3CMDSF
USB 3.1/C type male to 20P DisplayPort female



ZP3CMHF
USB 3.1/C type male to 19P HDMI female



ZP3CMVF
USB 3.1/C type male to VGA HD15 female



ZPHAFAF
19P HDMI female to female



ZPHAMVF
19P HDMI male to VGA HD15 female

CE FC



ZPHAFDIM
19P HDMI female to DVI 24+5 digital/analog male



ZPHCDMAF
19P mini HDMI male & micro HDMI male to 19P HDMI female



ZPHAFDSM
19P HDMI female to 20P DisplayPort male



ZPHCFAM
19P mini HDMI female to 19P HDMI male



ZPHAFMDM
19P HDMI female to mini DisplayPort male

CE FC



ZPHCMAF
19P mini HDMI male to 19P HDMI female



ZPHAMAF
19P HDMI male to 19P HDMI female right angle



ZPHDFAM
19P micro HDMI female to 19P HDMI male



ZPHAMAM
19P HDMI male to male



ZPHDFCM
19P micro HDMI female to 19P mini HDMI male



ZPHAMDDF
19P HDMI male to DVI 24+1 digital female



ZPHDMAF
19P micro HDMI male to 19P HDMI female



ZPLM2F
8P Lightning male to micro USB/B type female



ZPMDFF
Mini DisplayPort female to female



ZPMDMF
Mini DisplayPort male to female



ZPMDMVF
Mini DisplayPort male to VGA HD15 female

CE FC



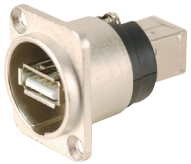
ZPMDRFF
Right angle mini DisplayPort female to female



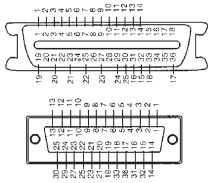
ZPMDRMF
Right angle mini DisplayPort male to female

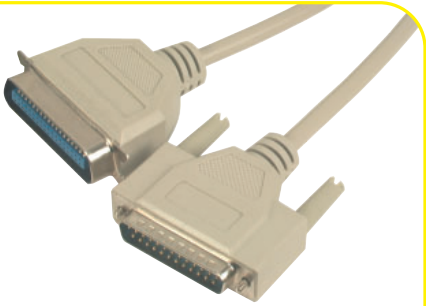


ZPUAFBF
USB/A type female to B type female chassis mount

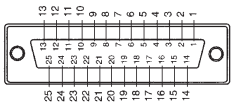


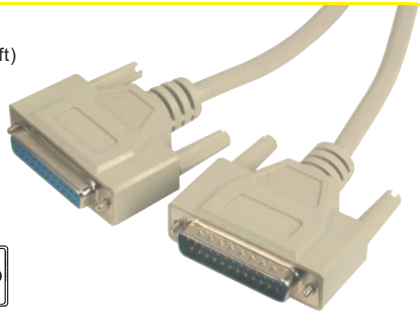
ZR01MM /FM
IBM printer cable (6ft)
MM : DB25M - CEN36M
FM : DB25F - CEN36M



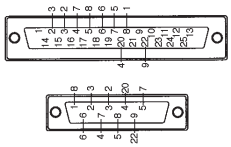


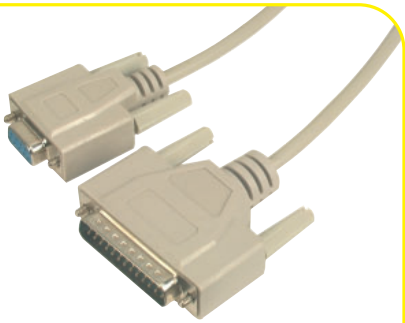
ZR02MM /MF /FF
RS232 extension cable (6ft)
MM : DB25M - DB25M
MF : DB25M - DB25F
FF : DB25F - DB25F



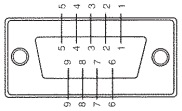


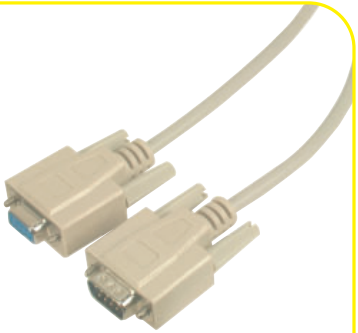
ZR04MF
Serial modem cable (6ft)
MF : DB25M - DB09F



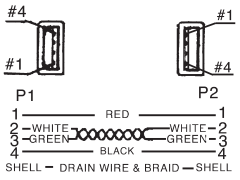


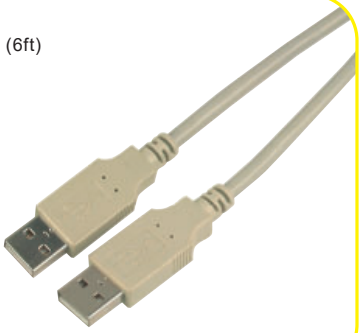
ZR07MF /FF
Monitor extension cable (6ft)
MF : DB09M - DB09F
FF : DB09F - DB09F



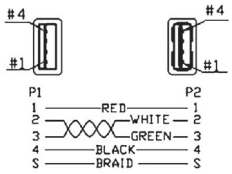


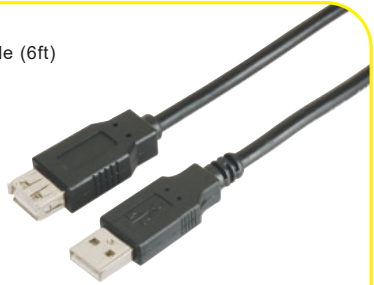
ZR07000
USB/A type plug to A type plug cable (6ft)



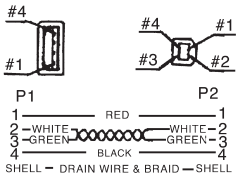


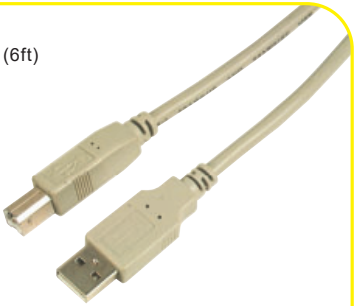
ZR07001
USB/A type plug to A type jack cable (6ft)



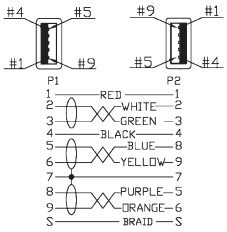


ZR07005
USB/A type plug to B type plug cable (6ft)



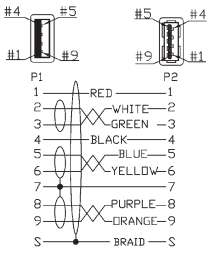


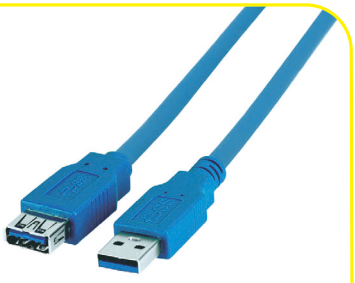
ZR07006
USB 3.0/A type plug to
USB 3.0/A type plug cable (6ft)



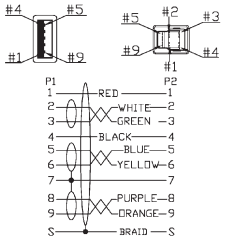


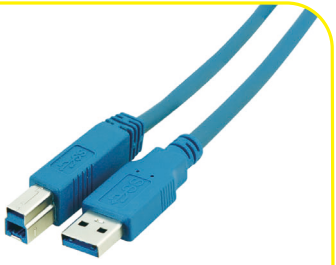
ZR07007
USB 3.0/A type plug to
USB 3.0/A type jack cable (6ft)



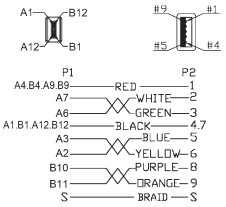


ZR07009
USB 3.0/A type plug to
USB 3.0/B type plug cable (6ft)



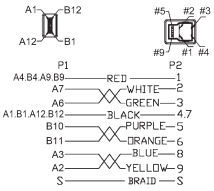


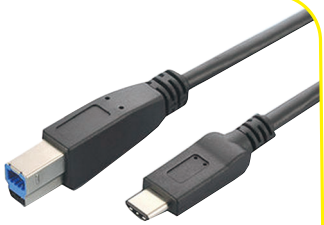
ZR070095
USB 3.1/C type plug to
vUSB 3.1/A type plug cable (1M)



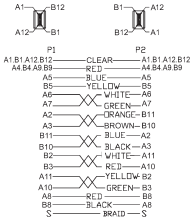


ZR070096
USB 3.1/C type plug to
USB 3.1/B type plug cable (1M)



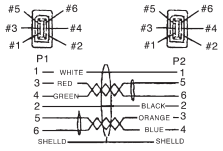


ZR070097
USB 3.1/C type plug to
USB 3.1/C type plug cable (1M)



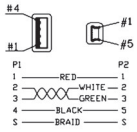


ZR07010
IEEE 1394 6P plug to 6P plug cable (6ft)



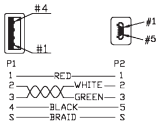


ZR070098
5P mini USB/B type plug to
USB/A type plug cable (1M)



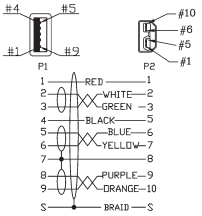


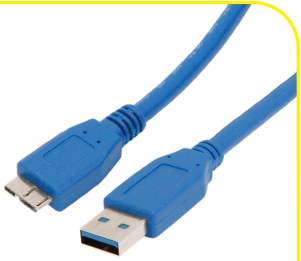
ZR07018
5P micro USB/B type plug to
USB/A type plug cable (1M)



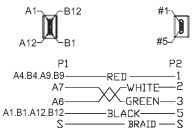


ZR070190
USB 3.0/A type plug to
micro USB 3.0/B type plug cable (1M)



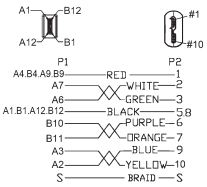


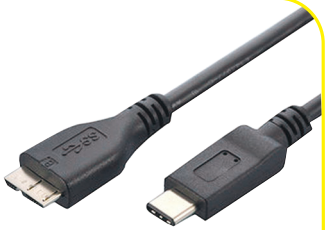
ZR070195
USB 3.1/C type plug to
5P micro USB 2.0/B type plug cable (1M)



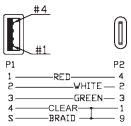


ZR070196
USB 3.1/C type plug to
micro USB 3.1/B type plug cable (1M)



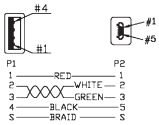


ZR070197
8P Lightning plug to
USB/A type plug cable (1M)



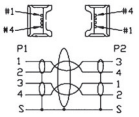


ZR070198
5P micro USB/B type plug &
8P Lightning plug to
USB/A type plug cable (1M)



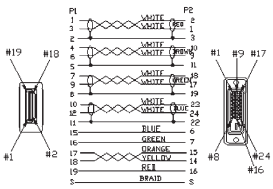


ZR07020
IEEE 1394 4P plug cable (6ft)

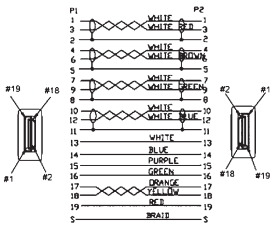




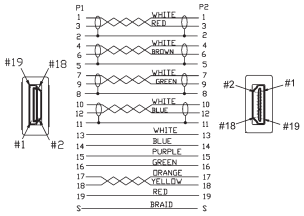
ZR07025
19P HDMI male to DVI 24+1 digital male cable (6ft)



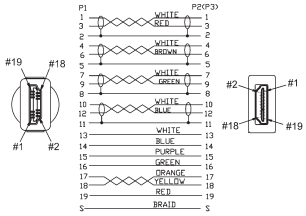

ZR07026
19P HDMI male to 19P HDMI male cable (6ft)



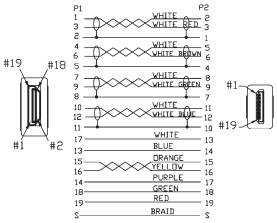

ZR07027
19P HDMI male to 19P HDMI female cable (6ft)



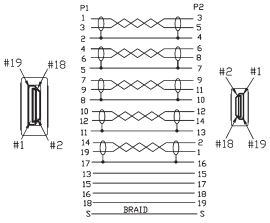

ZR070271
19P HDMI male to 2 x19P HDMI female cable (6ft)



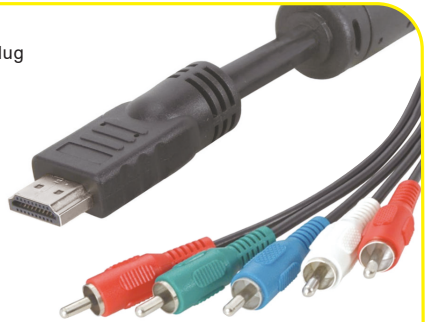

ZR07028
19P mini HDMI male to 19P HDMI male cable (6ft)



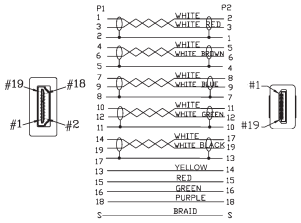

ZR07029
19P micro HDMI male to 19P HDMI male cable (6ft)



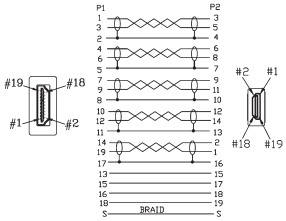

ZR07031
19P HDMI male to 5 x RCA plug cable (6ft)



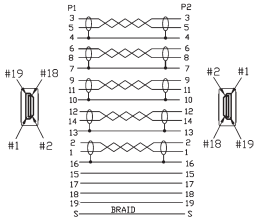
ZR07033
19P mini HDMI male to 19P HDMI female cable (15cm)




ZR07034
19P micro HDMI male to 19P HDMI female cable (15cm)




ZR07035
19P micro HDMI male to 19P micro HDMI male cable (6ft)




ZR07051
Micro USB/B type plug to
USB/A type jack OTG cable (50cm)



ZR07052
Micro USB/B type plug &
USB/A type plug to
USB/A type jack
OTG cable (30cm)



ZR07053
Micro USB/B type plug to
USB 3.0/A type jack OTG cable (50cm)



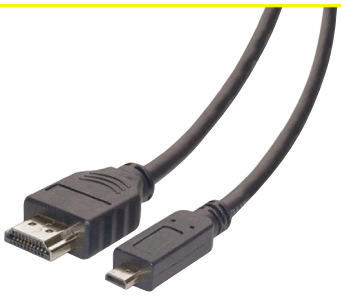
ZR07055
USB 3.1/C type plug to
USB 3.0/A type jack OTG cable (5cm)



ZR07056
USB 3.1/C type plug &
USB/A type plug to
USB 3.0/A type jack
OTG cable (30cm)



ZR07060
Micro USB/B type plug to
HDMI plug MHL cable (50cm)



ZR07061
Micro USB/B type plug & USB/A type plug to
HDMI plug MHL cable (50cm)



ZR07062
Micro USB/B type plug to USB/A type jack &
HDMI jack MHL cable (18cm)



ZR07064
Micro USB/B type plug to Micro USB/B type jack &
HDMI plug MHL cable (18cm)

CE FC



ZR07066
Micro USB/B type plug to VGA HD15 jack
MHL cable W/audio & power (15cm)



ZR07070
Micro USB/B type plug to Ethernet RJ45 jack
network LAN cable (6cm)



ZR07071
USB/A type plug to Ethernet RJ45 jack
network LAN cable (6cm)



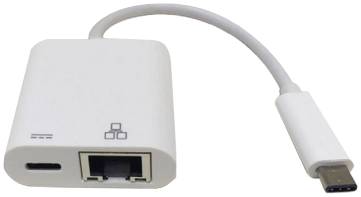
ZR07072
USB 3.0/A type plug to Ethernet RJ45 jack
network LAN cable (6cm)



ZR07073
USB 3.1/C type plug to Ethernet RJ45 jack
network LAN cable (6cm)



ZR070731
USB 3.1/C type plug to USB 3.1/C type jack &
Ethernet RJ45 jack network LAN cable (10cm)



ZR070740
Micro USB/B type plug to 4-ports USB/A type jack hub (15cm)
W/adapter



ZR070742
USB 3.0/C type plug to USB 4-ports USB 3.0/A type jack hub (6cm)
W/USB C type PD charging port



ZR070743
USB 3.0/C type plug to USB 3.0/C type jack &
3-ports USB 3.0/A type jack hub (6cm)
W/USB C type charing port



ZR070744
USB 3.0/C type plug to Ethemet RJ45 jack
network LAN cable & USB 3.0/C type jack &
2-ports USB 3.0/A type jack hub
(6cm)

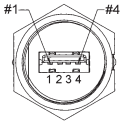


ZR07080
Waterproof USB/A type plug
can reach to IP67





ZR07081
Waterproof USB/A type jack
panel mount
can reach to IP67



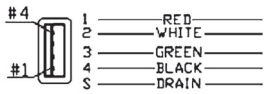


ZR07082
Waterproof 19P HDMI female
panel mount
can reach to IP67



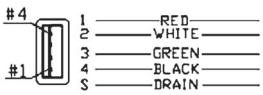


ZR07090
Waterproof USB/A type plug cable free end (1M)
can reach to IP67



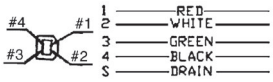


ZR07091
Waterproof USB 3.0/A type plug cable free end (1M)
can reach to IP67



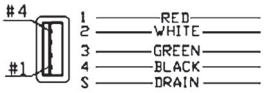


ZR07092
Waterproof USB/B type plug cable free end (1M)
can reach to IP67



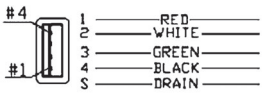


ZR07093
Waterproof USB/A type jack cable free end (1M)
can reach to IP67



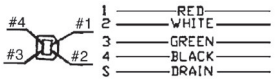


ZR07094
Waterproof USB 3.0/A type jack cable free end (1M)
can reach to IP67



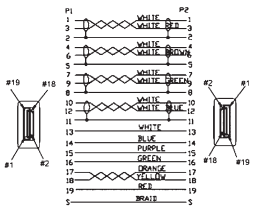


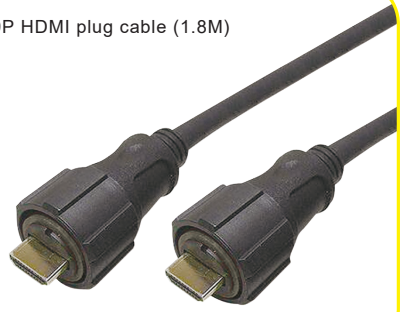
ZR07095
Waterproof USB/B type jack cable free end (1M)
can reach to IP67





ZR07098
Waterproof 19P HDMI plug to 19P HDMI plug cable (1.8M)
can reach to IP67





ZR0730
USB 3.1/C type plug to VGA HD15 jack cable (15cm)



ZR0731
USB 3.1/C type plug to DVI 24+5 jack cable (15cm)



ZR0732
USB 3.1/C type plug to HDMI jack cable (15cm)



ZR0733
USB 3.1/C type plug to DisplayPort jack cable (15cm)



ZR0735
USB 3.1/C type plug to USB 3.1/C type jack &
VGA HD15 jack cable (15cm)



ZR0736
USB 3.1/C type plug to USB 3.1/C type jack &
DVI 24+5 jack cable (15cm)



ZR0737
USB 3.1/C type plug to USB 3.1/C type jack &
HDMI jack cable (15cm)



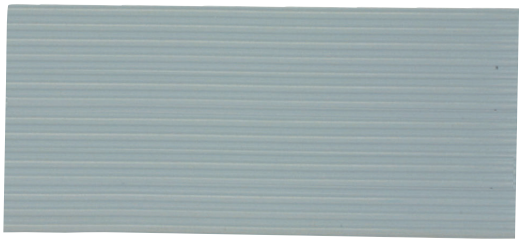
ZR0739
USB 3.1/C type plug to USB 3.1/C type jack &
USB 3.0/A type jack & HDMI jack cable (15cm)



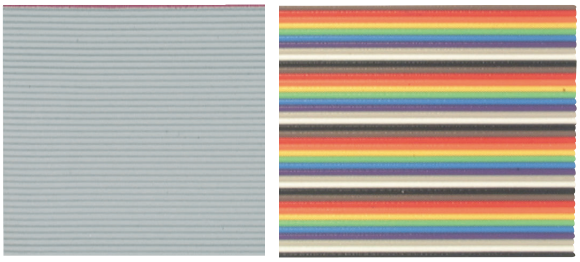
ZR650xx 3.96mm Deep gray coded flat cable (18AWG)
└No. of conductors :
*3,4,5,6,7,8,9,10,12,14,16,18,20,21,22,24 (250ft / reel)



ZR670xx 2.54mm Deep gray coded flat cable (24AWG)
└No. of conductors :
*8,9,10,12,13,14,15,16,18,20,22,24,26,28,30,32,34,36,38,40
(250ft / reel)



ZR70 xx 1.27mm Deep gray coded flat cable (100ft/reel/28AWG)
ZR71 xx 1.27mm Color coded flat cable (100ft/reel/28AWG)
ZR700xx 1.27mm Deep gray coded flat cable (250ft/reel/28AWG)
ZR701xx 1.27mm Color coded flat cable (300ft/reel/28AWG)
└No. of conductors :



***9,10,14,15,16,20,25,26,30,34,36,40,50,60,64**

ZR703xx 1.27mm Red-gray-green coded flat cable (28AWG)
└No. of conductors :
*20,26,30,34,40,50,60,64 (100M / reel)



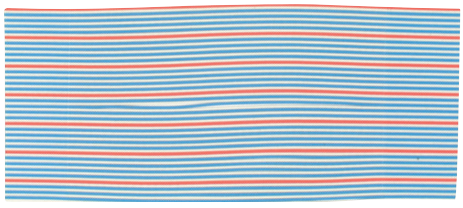
ZR710xx 1.0mm Gray coded flat cable (28AWG)
└No. of conductors :
*10,12,14,15,16,20,25,26,34,40,44,50,60,64,68
(250ft / reel)



ZR720xx 0.635mm Deep gray coded PVC flat cable (30AWG)
ZR721xx 0.635mm Yellow coded TPE flat cable (30AWG)
└No. of conductors :
*68,80,100 (250ft / reel)



ZR723xx 0.635mm Red-white-blue coded flat cable (30AWG)
└No. of conductors :
*68,80 (100M / reel)



ZR725xxx White coded FFC cable (UL 2896)
└No. of conductors :
└Pitch
*(100ft / reel)

Pitch No.	A	B	C	D	E	F	G
Pitch (mm)	0.5	0.8	1.0	1.25	1.5	2.0	2.54
No. of conductors	6~60	6~40	3~50	3~36	2~30	2~30	2~18

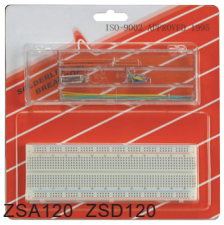


Solderless breadboard square hole / round hole
Skin packing (with jumper wire)
Features:
1.Base with anodized treatment to stand high frequency.
2.Durable AL nameplate stands static interference.
3.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
4.Exquisite colour coordinates for easy recognition.
5.High - class acetal ABS material of plastic.

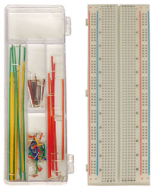
Square hole	ZSA
Round hole	ZSD



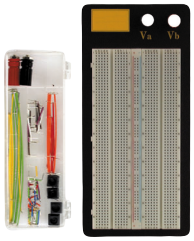
ZSAJS
Jumper wire kit (70pcs)



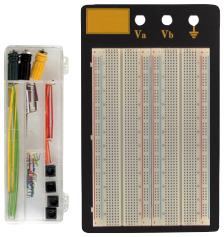
ZSA120 ZSD120



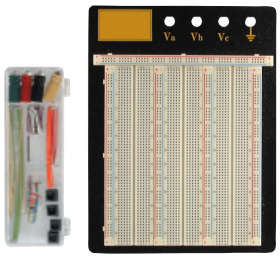
ZSA120
ZSD120
830 tie points



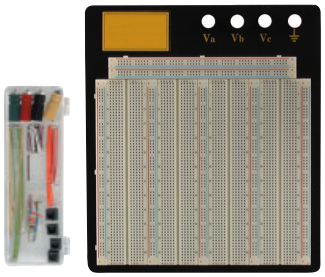
ZSA212
ZSD212
1360 tie points



ZSA243
ZSD243
1660 tie points



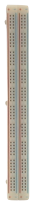
ZSA354
ZSD354
2390 tie points



ZSA474
ZSD474
3220 tie points

Solderless breadboard square hole / round hole
Skin packing (no jumper wire)
Features:
1.Base with anodized treatment to stand high frequency.
2.Durable AL nameplate stands static interference.
3.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
4.Exquisite colour coordinates for easy recognition.
5.High - class acetal ABS material of plastic.

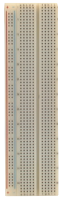
Square hole	ZSB
Round hole	ZSE



ZSBDN
ZSEDN
100 tie points



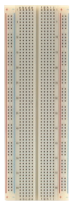
ZSBTN
ZSETN
630 tie points



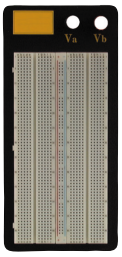
ZSB110
ZSE110
730 tie points



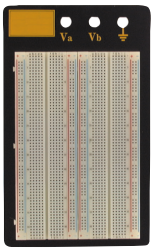
ZSB212
ZSE212



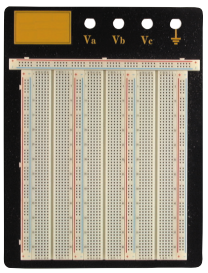
ZSB120
ZSE120
830 tie points



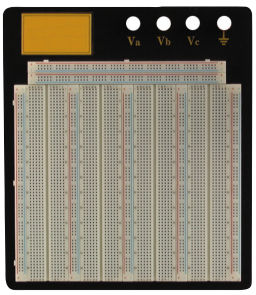
ZSB212
ZSE212
1360 tie points



ZSB243
ZSE243
1660 tie points



ZSB354
ZSE354
2390 tie points



ZSB474
ZSE474
3220 tie points

Solderless breadboard square hole / round hole (Transparent)
Skin packing (no jumper wire)
Features:
1.Base with anodized treatment to stand high frequency.
2.Durable AL nameplate stands static interference.
3.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
4.Exquisite colour coordinates for easy recognition.
5.High - class acetal ABS material of plastic.

Square hole	ZSC
Round hole	ZSF



ZSCDN
ZSFDN
100 tie points



ZSCTN
ZSFTN
630 tie points



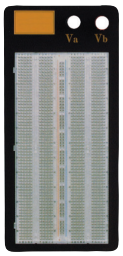
ZSC110
ZSF110
730 tie points



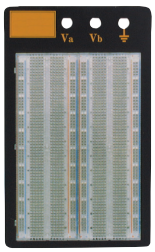
ZSC212
ZSF212



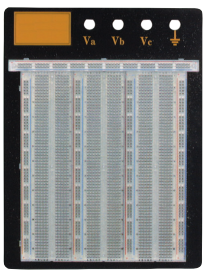
ZSC120
ZSF120
830 tie points



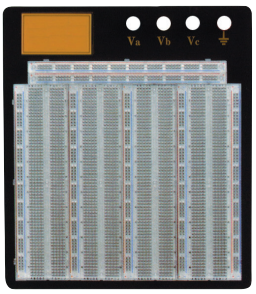
ZSC212
ZSF212
1360 tie points



ZSC243
ZSF243
1660 tie points



ZSC354
ZSF354
2390 tie points

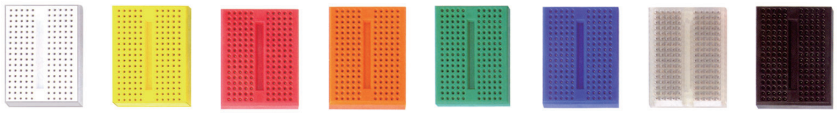


ZSC474
ZSF474
3220 tie points

Solderless breadboard round hole
Skin packing (no jumper wire)

Features:
1.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
2.High - class acetal POM material of plastic.

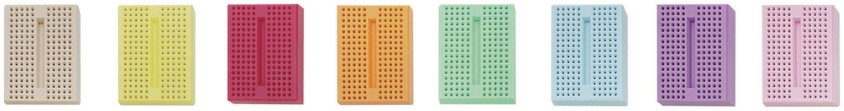
Standard color



white yellow red orange green blue trans-parent black

ZSG15010
170 tie points (with 2pcs screws)

Macaron color



cocoa lemon yellow fuchsia light orange mint green light blue purple pink

ZSH15010
170 tie points (with 2pcs screws)

Solder breadboard round hole
Tray packing (no jumper wire)

Features:
1.Durable AL nameplate stands static interference.
2.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
3.High - class acetal ABS material of plastic.
4.Spring clip with solder tail.
5.Ideal for sophisticated digital training and test system.
6.Can insert to board which has built-in circuit and be connected.



ZSL21010
8 tie points



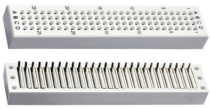
ZSL22010
16 tie points



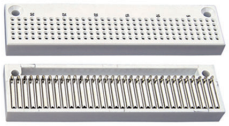
ZSL24010
40 tie points (with 2pcs screws)



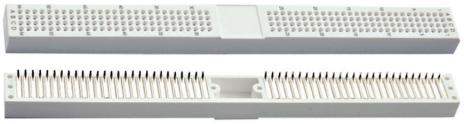
ZSL23010
32 tie points



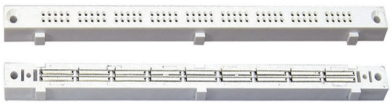
ZSL35010
108 tie points



ZSL25010
165 tie points (with 2pcs screws)



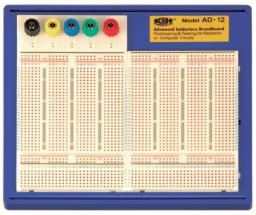
ZSL34010
216 tie points



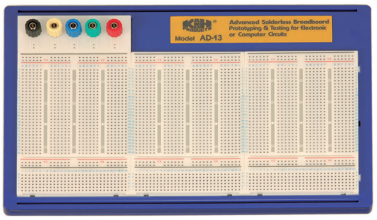
ZSL200DN
90 tie points (with 2pcs screws)

Solderless breadboard round hole
Skin packing (no jumper wire)

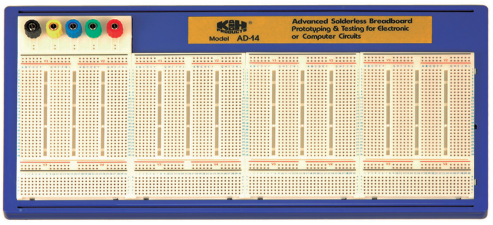
Features:
1.Base with anodized treatment to stand high frequency.
2.Durable AL nameplate stands static interference.
3.Using phosphor bronze / nickel to get lasting endurance of insertion hole.
4.Exquisite colour coordinates for easy recognition.
5.High - class acetal ABS material of plastic.



ZSM12N
1906 tie points



ZSM13N
2854 tie points



ZSM14N
3802 tie points

ZSN100
Digital to analog audio converter

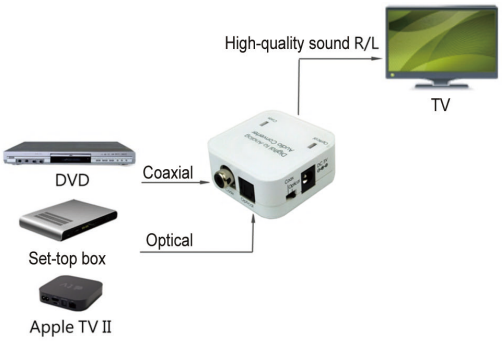


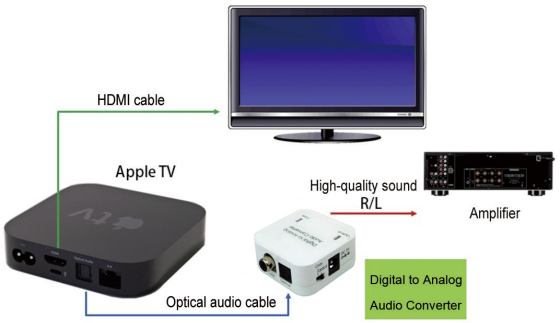
The digital to analog audio converter is an easy to use product that converts coaxial or optical audio signals into analog stereo (R/L) audio. It can be easily switched between either coaxial or optical inputs. With its compact, elegant design and simple LED input status make it easier for users to connect up and use instantly.

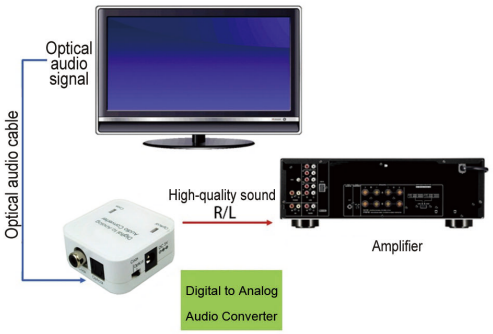
Features:
- Supports digital audio input (coaxial/optical) and stereo analog audio output (R/L)
- Integrated digital interpolator filter and digital to analog converter (DAC)
- Supports uncompressed digital stereo audio input
- Compact size and easy to install
- Supports S/PDIF 192kHz at 24-bit data for conversion to left and right analog channels
- HDTV digital output conversion

Specifications:
- Input ports: 1×coaxial, 1×optical
- Input format: S/PDIF LPCM 2 CH, 24-bit
- Input sampling rate: 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz up to 192kHz
- Output ports: analog stereo (R/L)
- Output level: 2Vrms
- Output impedance: 600Ω
- Power supply: 5V/1A DC linear power adaptor (US/EU standards, CE/FCC/UL certified) or 5V/1.2A switching power adaptor (with universal plug, CE/FCC/UL certified)
- Chassis material: plastic
- Silkscreen color: white
- Dimensions: 42(W) × 40.5(D) × 22(H) mm
- Weight: 25g

Connection diagram:







ZSN105
V1.4 HDMI audio extractor (LR+SPDIF)



Description:
Power supply 5V/1A

This is the newest HDMI audio extractor from panlong which supports ultra HD 4k x 2k resolution and ARC.

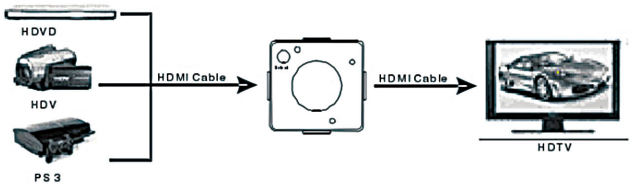
It is designed to extract the digital audio embedded in HDMI source signal and output it via optical SPDIF or RCA L/R stereo audio out. Original HDMI video and audio signals are also passed through to HDMI output. Perfect for those HDMI devices without dedicated audio output like Chromecast, Roku and MHL-enabled mobile devices as well as Blu-ray player, cable/ satellite receiver, Apple TV, PS3/4, Xbox, PC etc..

Features:
- One HDMI or one MHL input converter to one HDMI+one SPDF+one LR audio out
- Output audio support: SPDIF+R/L analog audio output
- Support full HD 1080P, full 3D, 4k x 2k resolution
- LED indication: when source or sink is working, LED relative to is light.
- No loss of quality
- Installs in minutes

Support ARC function:
- Without adding one extra HDMI cable, it can reverse the audio to the AV amplifier by HDMI cable connection with HD TV while the HD TV receive the audio and video content.
- HDMI / MHL working in dual mode, can reduce the number of ports.
- HDMI to achieve the synchronization of audio signal separation.
- There are ADV / 2.0CH / 5.1CH three kinds of audio mode options.

ZSN110
3 In 1 out HDMI mini switcher V1.3





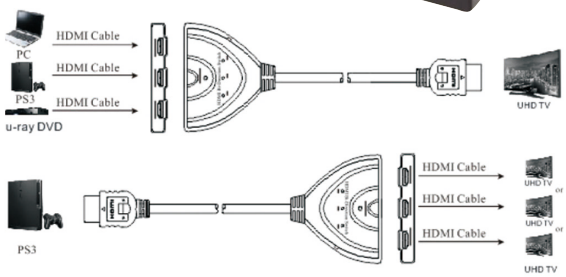
Features:
• Multifunctional on switching : intelligent or mechanical
• Support HDMI1.3b /3D
• Support high definition resolution 1080p
• Support 2.5Gbps per channel bandwidth

Specifications:
• Input DDC signal: 5V p-p
• Output video: HDMI 1.3b
• Vertical frequency range: 50/60Hz
• Video amplifier bandwidth: 2.5Gbps
• Interlaced (50&60Hz): 480i, 576i, 1080i
• Progressive (50&60Hz): 480p, 576p, 720p,1080p
• External power supply: no power needed
• Power consumption: 5W Max.
• Dimensions: 66 x 66 x 15 mm
• Weight: 40g

Operation:
• Connect the HDMI input source into the HDMI switcher
• Press on the "select" button to choose the source equipment

ZSN111
3 In 1 out HDMI intelligent switcher V1.4



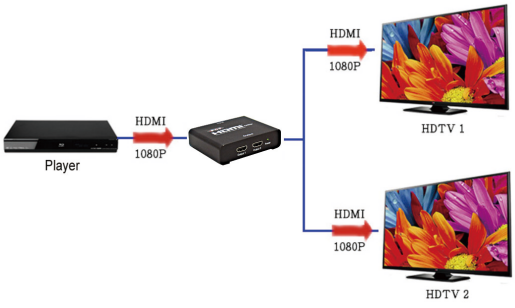


Features:
• Full compliance with the HDMI specification V1.3, V1.4
• Support high definitioin resolution 1080p
• Support 3D
• Plug and play

Specifications:
• Input DDC signal: 5V p-p
• Maximum single link range: 4096 x 2160p
• Output video: HDMI V1.3, V1.4
• Video amplifier bandwidth: 2.5Gbps
• Interlaced (50&60Hz): 480i, 576i, 1080i
• Progressive (50&60Hz): 480p, 576p, 720p,1080p
• External power supply: no power needed
• Power consumption: 5W Max.
• Switching : intelligent or mechanical

ZSN115
1 In 2 out HDMI splitter V1.4





Introduction:
This device allows you to distribute single HDMI signal from sources like blue-ray DVD players, play station 3 and other HDTV devices to multiple HDMI display simultaneously.

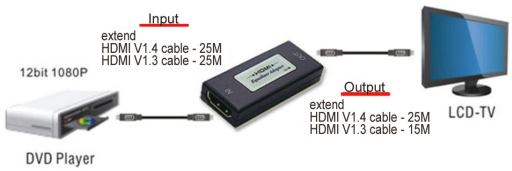
It supports HDCP compliant devices and works on simple plug and play functionality, an ideal solution for business centers, small offices, home office, conference rooms, and classrooms.

Features:
• Maintains high resoulution video up to 1080p
• Supports 48-bit color depth, Full 3D and 4K2K video
• Easy to install and simple to use
• HDCP compliant
• Supports resolution: 480p, 576i, 720p, 1080i, 1080p, 4K2K
• Supports HEC (optinal)

Specification:
• Input connector: HDMI x 1, USB A type x 1
• Output connector: HDMI x 2
• Bandwidth: 340MHz / 10.2Gbps
• Max. resolution: 4K2K
• Transmission distance:
  Input: 7 feet
  Output: 50 feet (24AWG cable)
• Operating termperature: 0°C to 70°C
• Power adapter: 5VDC 1A
• Dimensions: 94 x 72 x 25 mm

ZSN120
HDMI repeater & extender





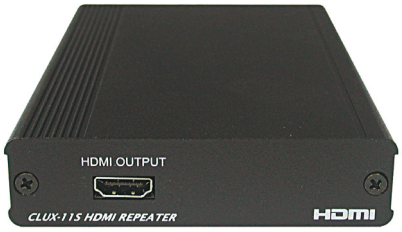
Introduction:
The HDMI signal extender supports up to a total of 50 meters of HDMI cable to extremely long cables runs. It equalizes and amplifies digital signal, correcting the degradation that can occur over a long cable run, before outputting the signal to your display.

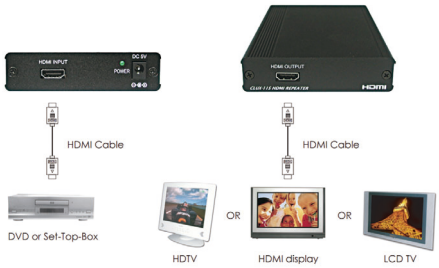
Simply run up to 25M of HDMI cable from your video source to extender. And run up to 25M of HDMI cable from extender to your display.

Features:
• Support exceptionally long cable runs up to 50 meters
• Works with resolutions up to 1080p
• Plug and play, easy to install
• Small and compact design for a clean system setup
• Supports HDCP, 3D

Spectfications:
• Input/output type: HDMI 19-pin female
• Maximum supported resolution: 1080p 60Hz
• Maximum supported cable length: 25M source side, 25M SYNC side
• Support bandwidth: 10.2Gbps

ZSN123
HDMI to HDMI audio repeater



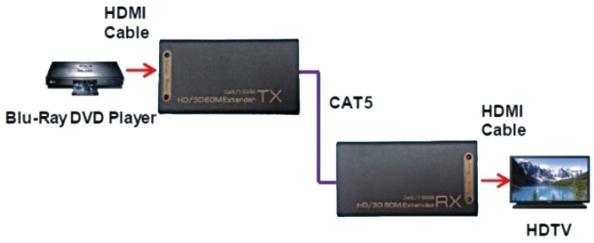


Features:
• HDMI 1.3, HDCP1.1 and DVI 1.0 compliant receiver
• Deep color video up to 12bit, 1080p@60Hz
• One HDMI source to connect to one HDMI display simultaneously
• HDCP keysets allows each output to work independently when connecting to a HDMI display
• Split a HDMI source to one output without signal loss
• Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable
• Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission (32-192kHz Fs sample rate)
• Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p
• HDMI cable distance test with 1080p resolution: input/output source can run up to 30M/5.1CH
• Full HDCP compliant

Specifications:
• Frequency bandwidth: 2.25Gbps (single link)
• Input port: 1 x HDMI female port (type A connector)
• Output port: 1 x HDMI female port
• Power supply: 5VDC/2.6A (US/EU standards, CE/FCC/UL certified)
• Operating temperature: 0°C to 40°C
• Chassis material: aluminum
• Silk skin color: black
• Dimensions: 100(W) x 147(D) x 25(H) mm
• Weight: 300g

ZSN125
HDMI over single Cat5 extender





Descriptions:
• Power supply 5V/1A
• One pair as a full functional module, no need of setting
• One piece of Cat-5e/6 cable can substitute HDMI cable to achieve long distance transmission

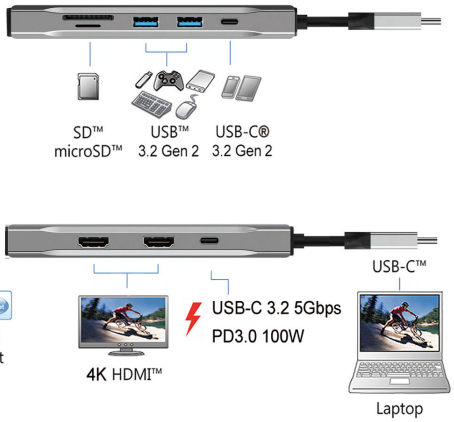
Features:
• Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
• Signal transmission: use one Cat 5e/6 (recommend cat6) to connect the sender and receiver, and the ethernet cable can be up to 60m
• Support 3D
• Support video output: 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
• Audio format support: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/ DSD
• LED indication: when power is supplied or device is working, LED relative to is light
• Support up to 60 meters 26AWG cable length between extender and source & sink device
• No loss of quality
• Installs in minutes

ZSN131
USB 3.2/C type triple display docking station (20cm)

Features:
- Advanced USB-C® E-Mark chip integrates USB4™, Thunderbolt™ 3 and Thunderbolt™ 4 compatibility
- Supports dual 4K60Hz or triple 4K30Hz (2xHDMI™ and 1xDisplayPort™) on compatible USB-C® laptops with DisplayPort™ 1.4 alt mode(MST support)
- Charge and power connected laptop and peripherals with 100W Power Delivery
- SD™ & microSD™ 4.0 memory card reader/writer for media storage and transfer
- Supports audio 2.1 channel via HDMI™
- Easily add a wired network connectivity with the Gigabit Ethernet port
- Extending one display up to 3840x2160@60, easily switch to a higher refresh rate of 2560x1440@144 via HDMI™ or 1920x1080@240 via DP™ Port

Specifications:
- Upstream port: USB 3.2 Gen 2/C type plug x 1
- Downstream USB port:
  USB 3.2 Gen 2/A type x 2
  USB 3.2 Gen 2/C type x 1
  USB 3.2 Gen 1/C type x1 (supports PD3.0)
- Video output:
  HDMI x 2 (resolution of 4K@60Hz)
  DisplayPort x 1 (resolution of 4K@60Hz)
- Ethernet port: RJ45 x1 (10/100/1000 BASE-T)
- SD 4.0 and microSD 4.0 card slots
- Dimensions: 148 (L) x 55 (W) x 17 (H) mm



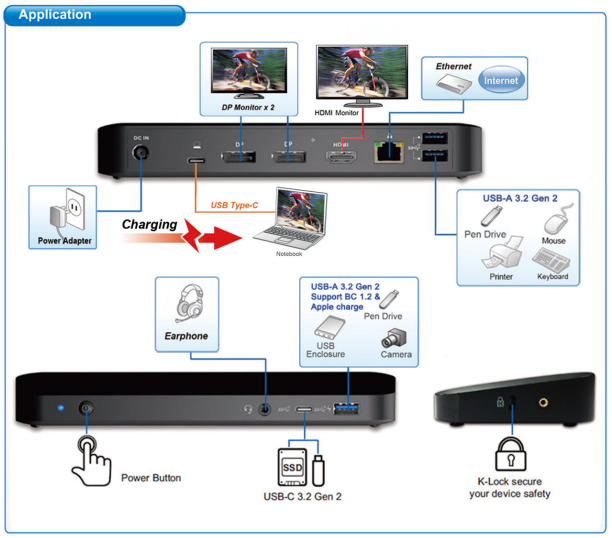


ZSN133
USB 3.2/C type DP1.4 MST PD docking station

Features:
- USB/C MST dock supports dual 4K monitors with DP 1.4 MST technology
- Connect your USB devices with USB/A type and USB/C type
- Data transmission up to 10Gbs between USB peripherals
- Max.85W power charging to laptop
- Smart power management for power budget saving
- Secure your device safety with K-Lock design
- Supports Gigabit Ethernet

Specifications:
- Upstream port: USB 3.2 Gen 2/C type x 1
- Downstream port:
  USB 3.2 Gen 2/A type x 3 (one port supports BC 1.2 and Apple charging)
  USB 3.2 Gen 2/C type x 1
- Video output: HDMI 2.0 x 1
  DisplayPort 1.4++ x 2
- Supports resolution: 5K60, 4K60, 4K30, QHD60, FHD60, FHD30
- Ethernet port: RJ45 x1 (10/100/1000 BASE-T)
- Combo audio jack (in/out) x 1
- Power adapter: 20VDC 5A
- Dimensions: 190 (L) x 85.3 (W) x 26.7 (H) mm

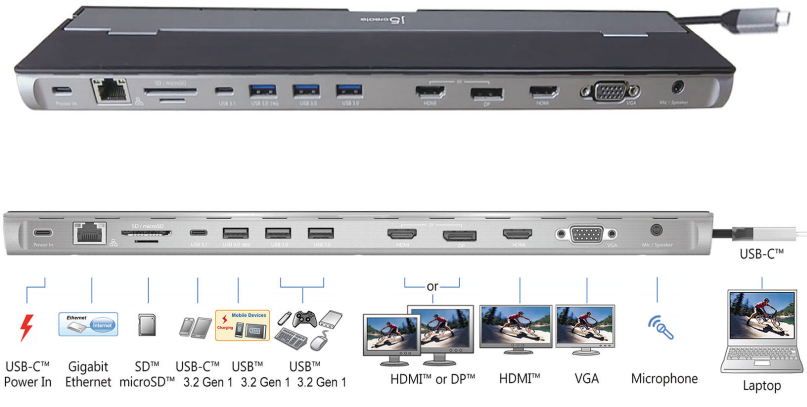




ZSN135
13 In 1 USB 3.2/C type triple display docking station (45cm)

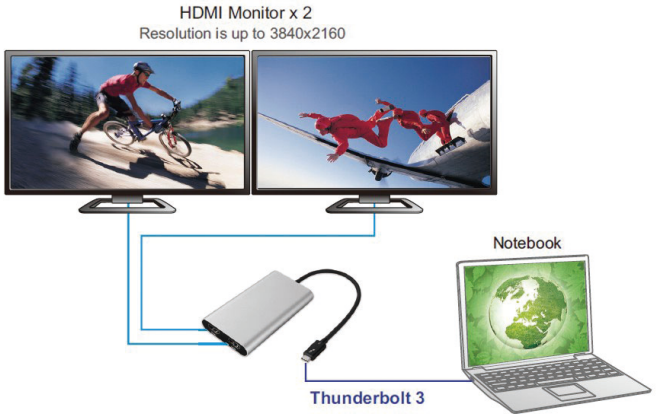
Features:
- Extend up to three monitors through HDMI, VGA and DisplayPort or HDMI
- Designed to be used as a notebook stand, which assists with heat dissipation
- Supports power delivery 3.0, allowing you to keep charging your notebook or smartphone while using the adapter
- USB/C power delivery 100W pass-through
- DisplayPort Alt mode supported
- Supports Gigabit Ethernet

Specifications:
- Upstream port: USB 3.2 Gen 2/C type plug x 1
- Downstream USB port:
  USB 3.2 Gen 1/A type x 3 (one port supports BC 1.2)
  USB 3.2 Gen 1/C type x 2 (one port supports PD3.0)
- Video output:
  HDMI x 1 (resolution of 4K@30Hz)
  VGA x 1 (resolution of 1920x1080P)
  DisplayPort x 1 or HDMI x 1 (resolution of 4K@30Hz)
- Ethernet port: RJ45 x1 (10/100/1000 BASE-T)
  IEEE 802.3az, IEEE 802.3, 802.3u, and 802.3ab, IEEE 802.3x
- SD 3.0 and microSD 3.0 card slots
- Combo audio jack: Microphone and speaker
- Dimensions: 350 (L) x 82.5 (W) x 23.4 (H) mm



ZSN140
Thunderbolt™ 3 dual HDMI adapter (27cm)





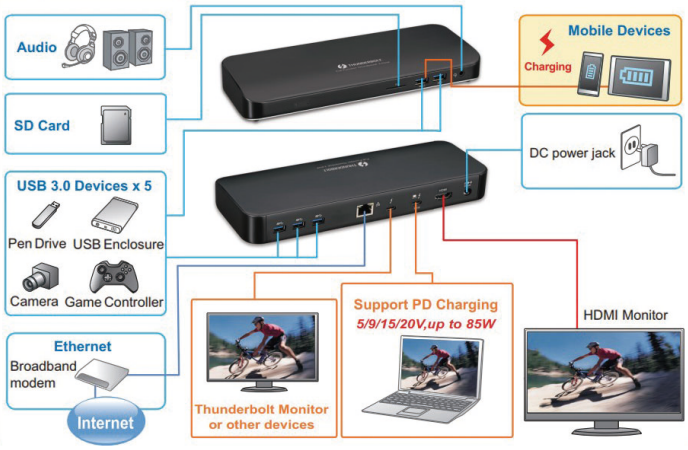
Introduction:
The Thunderbolt™ 3 Dual HDMI 2.0 output adapter lets users easily connect two HDMI embedded devices from PCs with Thunderbolt 3 interface. This adapter's output resolution is up to 3840 x 2160@60Hz. No need to install extra drivers, just plug and play, and start to enjoy your high-end life with this slim and stylish adapter.

Features:
• Thunderbolt 3 technology
• Support bus-powered 15W

Specifications:
• Upstream port: Thunderbolt™ 3 male connector x 1
• Downstream port: HDMI female connector x 2 (up to 3840 x 2160 @60Hz resolution)
• System requirements: PC with Thunderbolt 3 interface
• Supported operating system: Windows®10, MacOS®
• Diamensions: 110(L) x 56(W) x 16(H)mm

ZSN143
Thunderbolt™ 3 docking station





Introduction:
The Thunderbolt™ 3 PD dock is designed for extra connectivity demands. With this docking station, you can extend the connection of a computer to more USB peripherals such as Ethernet network, the speaker and the microphone. Adopting PD Charging technology, upstream charging function through Thunderbolt interface, you can charge the laptop. In addition, the driver is included in the docking station.

Features:
• Slim and fashionable design
• Thunderbolt 3 technology

Specifications:
• Upstream port: USB/C type Thunderbolt™ 3
• Downstream port: USB 3.2 Gen1/A type x 5 (one port supports BC 1.2)
• Video output: HDMI 2.0 x 1 (supports resolution up to 4K@60Hz)
• LAN: RJ45 Gigabit Ethernet x 1 (10/100/1000 BASE-T)
• Upstream PD charging: 5/9/15/20V, up to 85W
• Combo audio jack x 1
• Support SD 3.0 card reader
• Supported operating system: Windows®10, MacOS®

ZSN145
Thunderbolt™ 3 DP1.4 triple display docking station





Introduction:
The Thunderbolt™ 3 dock is the best single-cable docking station to provide high speed data transfer, and support dual 4K@60Hz displays, as well as quick notebook charging with single cable. It is designed for extend connectivity demands on both MacOS® and Windows® OS with bandwidth up to 40Gbps.

Features:
• Compatible with TBT and USB/C type MFDP mode

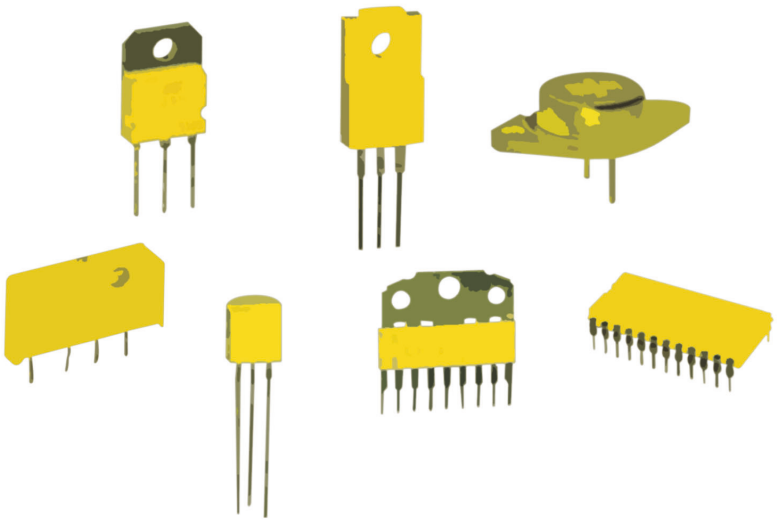
Specifications:
• Thunderbolt™ 3 dual port with PD up to 85W x 1
• Video output: DisplayPort 1.4 x 2 (up to 8K @30Hz)
VGA x 1 (up to full HD)
• USB 3.2 Gen 2/C type 10Gbps x 2
• USB 3.2 Gen 1/A type x 4 (one port supports BC 1.2)
• SD 4.0 and Micro SD 4.0 card slots
• LAN: RJ45 Gigabit Ethernet x 1 (10/100/1000 BASE-T)
• Combo audio jack x 1
• Windows® and macOS® (Video out clone mode only)

E1

EB.EBC.EBU.EC
ECA.ECD.ETD.RA.RB

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DO 214AA / AC



SOD 57 / 64



SOD 80



SOD 123



SOT 23 / 323



TO 220AB



TO 220AC



TO 247AD



TO 247

Rectifier diodes

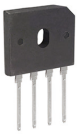
Item No.	INT. code	Case	PIV(V)	Io(A)
E1.5KE-1	1.5KE100A	DO201	100.00	1mA
E1.5KE-2	1.5KE130A	DO201	130.00	1mA
E1.5KE-3	1.5KE13CA	DO201	13.00	1mA
E1.5KE-4	1.5KE150A	DO201	150.00	1mA
E1.5KE-5	1.5KE15A	DO201	15.00	1mA
E1.5KE-6	1.5KE18A	DO201	18.00	1mA
E1.5KE-7	1.5KE18CA	DO201	18.00	1mA
E1.5KE-8	1.5KE200A	DO201	200.00	1mA
E1.5KE-9	1.5KE20A	DO201	20.00	1mA
E1.5KE-A	1.5KE220A	DO201	220.00	1mA
E1.5KE-B	1.5KE24A	DO201	24.00	1mA
E1.5KE-C	1.5KE27A	DO201	27.00	1mA
E1.5KE-E	1.5KE30A	DO201	30.00	1mA
E1.5KE-F	1.5KE33C	DO201AE	33.00	1mA
E1.5KE-H	1.5KE39CA	DO201	39.00	1mA
E1.5KE-I	1.5KE43A	DO201	43.00	1mA
E1.5KE-J	1.5KE43CA	DO201	43.00	1mA
E1.5KE-K	1.5KE47A	DO201	47.00	1mA
E1.5KE-L	1.5KE51CA	DO201	51.00	1mA
E1.5KE-M	1.5KE6.8A	DO201	6.80	10mA
E1.5KE-N	1.5KE6.8CA	DO201	6.80	10mA
E1.5KE-O	1.5KE68A	DO201	68.00	1mA
E1N4001	1N4001	DO41	50.00	1.00
E1N4002	1N4002	DO41	100.00	1.00
E1N4003	1N4003	DO41	200.00	1.00
E1N4004	1N4004	DO41	400.00	1.00
E1N4007	1N4007	DO41	1000.00	1.00
E1N414-1	1N4148	DO35	100.00	0.20
E1N5391	1N5391	DO15	50.00	1.50
E1N5402	1N5402	DO201AD	200.00	3.00
E1N5404	1N5404	DO201AD	400.00	3.00
E1N5406	1N5406	DO201AD	600.00	3.00
E1N5408	1N5408	DO201AD	1000.00	3.00
E1N5817	1N5817	DO41	20.00	1.00
E1N5819	1N5819	DO41	40.00	1.00
E6A10	6A10	R6	1000.00	6.00
E6A4	6A4	R6	400.00	6.00
EBA159	BA159	DO41	1000.00	1.00
EBAS16	BAS16	SOT23	85.00	0.20
EBAT43	BAT43	DO35	30.00	0.20
EBAT46	BAT46	DO35	100.00	0.15
EBAT54S	BAT54S	SOT23	30.00	0.20
EBAV21	BAV21	DO35	250.00	0.20
EBAV70W	BAV70W	SOT323	75.00	0.10
EBY133	BY133	DO41	1300.00	1.00
EBY255	BY255	DO201AD	1300.00	3.00
EBY399	BY399	DO201AD	800.00	3.00
EBY550-1	BY550-600	DO201AD	600.00	5.00

Item No.	INT. code	Case	PIV(V)	Io(A)
EBYT03-1	BYT03-400	DO201AD	400.00	3.00
EBYV27-1	BYV27-200	SOD57	200.00	2.00
EBYV28-1	BYV28-200	SOD64	200.00	3.50
EDSEI6-1	DSEI60-06A	TO247AD	600.00	60.00
EDSEP1-1	DSEP12-12A	TO220AC	1200.00	12.00
EDSEP2-1	DSEP29-06A	TO220AC	600.00	30.00
EDSP25-1	DSP25-12A	TO247	1200.00	25.00
EEM516	EM516	DO41	1800.00	1.00
EES1D	ES1D	DO214AC	200.00	1.00
EFR104	FR104	DO41	400.00	1.00
EFR154	FR154	DO15	400.00	1.50
EFR157	FR157	DO15	1000.00	1.50
EFR304	FR304	DO27	400.00	3.00
EHER107	HER107	DO41	800.00	1.00
EHER203	HER203	DO15	200.00	2.00
ELL4148	LL4148-GS08	SOD80	100.00	0.15
EMBR054	MBR0540T1G	SOD123	40.00	0.50
EMBR1645	MBR1645	TO220AC	45.00	16.00
EMBR2010	MBR20100CT	TO220AB	100.00	20.00
EMUR1620	MUR1620CT	TO220AB	200.00	16.00
EP600G	P600G	R6	400.00	6.00
EP600K	P600K	R6	800.00	6.00
EP600M	P600M	P6	1000.00	6.00
EP4KE-B	P4KE6.8A	DO41	6.80	10mA
EP6KE1-1	P6KE100A	DO15	100.00	1mA
EP6KE1-3	P6KE12A	DO15	12.00	1mA
EP6KE1-5	P6KE150A	DO15	150.00	1mA
EP6KE1-6	P6KE15A	DO15	15.00	1mA
EP6KE1-7	P6KE15CA	DO15	15.00	1mA
EP6KE1-8	P6KE160A	DO15	160.00	1mA
EP6KE1-9	P6KE180A	DO15	180.00	1mA
EP6KE1-A	P6KE18A	DO15	18.00	1mA
EP6KE1-B	P6KE18CA	DO15	18.00	1mA
EP6KE2-1	P6KE200A	DO15	200.00	1mA
EP6KE2-4	P6KE24A	DO15	24.00	1mA
EP6KE2-8	P6KE27A	DO15	27.00	1mA
EP6KE3-1	P6KE30A	DO15	30.00	1mA
ERL207	RL207	DO15	1000.00	2.00
ESF14	SF14	DO41	200.00	1.00
ESMBJ2-2	SMBJ24A	DO214AA	28.10	1mA
ESMBJ2-3	SMBJ24CA	DO214AA	28.10	1mA
ESMBJ3-2	SMBJ33A	DO214AA	38.65	1mA
ESR160	SR160	DO41	60.00	1.00
ESR360	SR360	DO201AD	60.00	3.00
ESTPS404	STPS4045CW	TO247	45.00	40.00
ESTPS40H	STPS40H100CW	TO247	100.00	40.00
EUF4007	UF4007	DO41	1000.00	1.00
EUS1D	US1D	DO214AC	200.00	1.00


DB 1

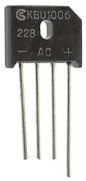

DB1MS
DBS


DO 35 / 41 / 201AE


GBU


KBPC / MB 25


KBPC 6



KBU


SOD 123


SOT 23


TO 92

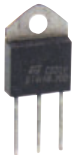

TO 126


TO 202-3


TO 220AB



TO 247


TOP 3


WOB

Zener diodes

Item No.	INT. code	Case	Vz(V)	W
E1N4744A	1N4744A	DO41	15.0	1.0
E1N4748A	1N4748A	DO41	22.0	1.0
E1N4753A	1N4753A	DO41	36.0	1.0
E1N4755A	1N4755A	DO41	43.0	1.0
E1N4764A	1N4764A	DO41	100.0	1.0
E1N5347B	1N5347B	DO201AE	10.0	5.0
E1N5349B	1N5349B	DO201AE	12.0	5.0
E1N5350B	1N5350B	DO201AE	13.0	5.0
E1N5352B	1N5352B	DO201AE	15.0	5.0
E1N5353B	1N5353B	DO201AE	16.0	5.0
E1N5357B	1N5357B	DO201AE	20.0	5.0
E1N5361B	1N5361B	DO201AE	27.0	5.0
E1N5363B	1N5363B	DO201AE	30.0	5.0
E1N5364B	1N5364B	DO201AE	33.0	5.0
E1N5368B	1N5368B	DO201AE	47.0	5.0
E1N5369B	1N5369B	DO201AE	51.0	5.0
E1N5383B	1N5383B	DO201AE	150.0	5.0
E1N5384B	1N5384B	DO201AE	160.0	5.0
EBZX55-1	BZX55C2V4	DO35	2.4	0.5
EBZX84-3	BZX84-C18	SOT23	18.0	0.25
EMMSZ5-5	MMSZ5226B	SOD123	3.3	0.5
EZPD10V	ZPD10V	DO35	10.0	0.5
EZPD12V	ZPD12V	DO35	12.0	0.5
EZPD15V	ZPD15V	DO35	15.0	0.5

Item No.	INT. code	Case	Vz(V)	W
EZPD2.7V	ZPD2.7V	DO35	2.7	0.5
EZPD3.3V	ZPD3.3V	DO35	3.3	0.5
EZPD3.9V	ZPD3.9V	DO35	3.9	0.5
EZPD30V	ZPD30V	DO35	30.0	0.5
EZPD3V	ZPD3V	DO35	3.0	0.5
EZPD5.1V	ZPD5.1V	DO35	5.1	0.5
EZPD5.6V	ZPD5.6V	DO35	5.6	0.5
EZPD6.2V	ZPD6.2V	DO35	6.2	0.5
EZPD6.8V	ZPD6.8V	DO35	6.8	0.5
EZPD7.5V	ZPD7.5V	DO35	7.5	0.5
EZPD9.1V	ZPD9.1V	DO35	9.1	0.5
EZPY100V	ZPY100V	DO41	100.0	1.3
EZPY10V	ZPY10V	DO41	10.0	1.3
EZPY12V	ZPY12V	DO41	12.0	1.3
EZPY15V	ZPY15V	DO41	15.0	1.3
EZPY22V	ZPY22V	DO41	22.0	1.3
EZPY24V	ZPY24V	DO41	24.0	1.3
EZPY33V	ZPY33V	DO41	33.0	1.3
EZPY36V	ZPY36V	DO41	36.0	1.3
EZPY5.6V	ZPY5.6V	DO41	5.6	1.3
EZPY6.8V	ZPY6.8V	DO41	6.8	1.3
EZPY8.2V	ZPY8.2V	DO41	8.2	1.3
EZPY9.1V	ZPY9.1V	DO41	9.1	1.3
EZY18V	ZY18V	DO41	18.0	2.0

Bridge rectifier

Item No.	INT. code	Case	PIV(V)	Io(A)
E2W08	2W08	WOB	800	2.0
EB6S	B6S	DB1MS	600	0.5
EDB106	DB106	DB1	800	1.0
EDB106S	DB106S	DBS	800	1.0
EDB107S	DB107S	DBS	1000	1.0
EGBU8J	GBU8J	GBU	600	8.0
EKBPC2-3	KBPC2506	KBPC	600	25.0
EKBPC2-7	KBPC2510	KBPC	1000	25.0

Item No.	INT. code	Case	PIV(V)	Io(A)
EKBPC3-3	KBPC3506	KBPC	600	35.0
EKBPC3-7	KBPC3510	KBPC	1000	35.0
EKBPC5-1	KBPC5010	KBPC	1000	50.0
EKBPC6-3	KBPC606	KBPC6	600	6.0
EKBPC6-7	KBPC610	KBPC6	1000	6.0
EKBU8J	KBU8J	KBU	600	8.0
EMB156	MB156	MB25	600	15.0
ERS605	RS605	KBU	600	6.0

Thyristors

Item No.	INT. code	Case	PIV(V)	Io(A)
EBT151-8	BT151-800R	TO220AB	800	12.0
EBT152-6	BT152-600R	TO220AB	600	20.0
EC106M	C106M	TO126	600	2.50

Item No.	INT. code	Case	PIV(V)	Io(A)
ECS45-12	CS45-12IO1	TO247	1200	45.0
EMCR100	MCR100-6	TO92	400	0.8
ETYN612R	TYN612RG	TO220AB	600	8.0

Triac

Item No.	INT. code	Case	PIV(V)	Io(A)
EBT136-2	BT136-600D	TO220AB	600	4.0
EBT138-9	BT138-800	TO220AB	800	12.0
EBTA12-2	BTA12-600B	TO220AB	600	12.0

Item No.	INT. code	Case	PIV(V)	Io(A)
EBTA26-2	BTA26-600B	TOP3	600	25.0
EDB4	DB4	DO35	40	-
EZ0405MF	Z0405MF	TO202-3	600	4.0



SOT 23



SOT 89



SOT 223



TO 3



TO 18 / 39



TO 92



TO 126



TO 220
TO 220AB



TO 220F
TO 220FP



TO 225



TO 247



TO 252AA

Transistor

Item No.	INT. code	Case	VCEO (V)	IC (A)	Desc.
E2N2219A	2N2219A	TO39	40	0.8	NPN
E2N2222A	2N2222A	TO18	40	0.8	NPN
E2N2905A	2N2905A	TO39	60	0.6	PNP
E2N2907A	2N2907A	TO18	60	0.6	PNP
E2N3019	2N3019	TO39	80	1.0	NPN
E2N3053	2N3053	TO39	40	0.7	NPN
E2N3055	2N3055	TO3	60	15.0	NPN
E2N3439	2N3439	TO39	350	1.0	NPN
E2N3772	2N3772	TO3	60	20.0	NPN
E2N3904	2N3904	TO92	40	0.2	NPN
E2N3906	2N3906	TO92	40	0.2	PNP
E2N4033	2N4033	TO39	80	1.0	PNP
E2N5401	2N5401	TO92	150	0.6	PNP
E2N5416	2N5416	TO39	300	1.0	PNP
E2N5551	2N5551	TO92	180	0.6	NPN
E2N6059	2N6059	TO3	100	12.0	NPN
E2N6547	2N6547	TO3	400	15.0	NPN
E2N7000	2N7000	TO92	60	0.2	N-CH. MOS.
E2N7002	2N7002	SOT23	60	0.115	N-CH. MOS.
E2SK3565	2SK3565	TO220FP	900	5.0	N-CH. MOS.
EBC327-1	BC327-25	TO92	45	0.8	PNP
EBC337-1	BC337-25	TO92	45	0.8	NPN
EBC337-2	BC337-40	TO92	45	0.8	NPN
EBC546B	BC546B	TO92	65	0.1	NPN
EBC547B	BC547B	TO92	45	0.1	NPN
EBC556B	BC556B	TO92	65	0.1	PNP
EBC557B	BC557B	TO92	45	0.1	PNP
EBC639	BC639	TO92	80	1.0	NPN
EBC846B	BC846B	SOT23	65	0.1	NPN
EBC847B	BC847B	SOT23	45	0.1	NPN
EBC848B	BC848B	SOT23	30	0.1	NPN
EBC857B	BC857B	SOT23	45	0.1	PNP
EBCX51	BCX51	SOT89	45	1.0	PNP
EBD139	BD139	TO126	80	1.5	NPN
EBD140	BD140	TO126	80	1.5	PNP
EBD239C	BD239C	TO220AB	100	2.0	NPN
EBD241C	BD241C	TO220	100	3.0	NPN
EBD437	BD437	TO126	45	4.0	NPN
EBD438	BD438	TO126	45	4.0	PNP
EBD680A	BD680A	TO126	80	4.0	PNP
EBD682	BD682	TO126	100	4.0	PNP
EBD682G	BD682G	TO225	100	4.0	PNP

Item No.	INT. code	Case	VCEO (V)	IC (A)	Desc.
EBD911	BD911	TO220AB	100	15.0	NPN
EBDW93C	BDW93C	TO220AB	100	12.0	NPN
EBDW94C	BDW94C	TO220AB	100	12.0	PNP
EBDX33C	BDX33C	TO220AB	100	10.0	NPN
EBDX34C	BDX34C	TO220AB	100	10.0	PNP
EBUL216	BUL216	TO220	800	4.0	NPN
EBUL38D	BUL38D	TO220AB	450	5.0	NPN
EBUV48A	BUV48A	TO247	450	15.0	NPN
EBUX48A	BUX48A	TO3	450	15.0	NPN
ED44H11	D44H11	TO220AB	80	10.0	NPN
EFDD2572	FDD2572	TO252AA	150	29.0	N-CH. MOS.
EFDD3672	FDD3672	TO252AA	100	44.0	N-CH. MOS.
EFQP70N1	FQP70N10	TO220	100	57.0	N-CH. MOS.
EFQPF10N	FQPF10N20C	TO220F	200	9.5	N-CH. MOS.
EFZT653T	FZT653TA	SOT223	100	2.0	NPN
EHGTG20N	HGTG20N60A4D	TO247	600	70.0	IGBT
EIRF1404	IRF1404PBF	TO220AB	40	202.0	PW. MOS.
EIRF1405	IRF1405PBF	TO220AB	55	169.0	PW. MOS.
EIRF2804	IRF2804PBF	TO220AB	40	75.0	PW. MOS.
EIRF3205	IRF3205PBF	TO220AB	55	110.0	PW. MOS.
EIRF3710	IRF3710PBF	TO220AB	100	57.0	PW. MOS.
EIRF5210	IRF5210PBF	TO220AB	100	40.0	PW. MOS.
EIRF5305	IRF5305PBF	TO220AB	55	31.0	PW. MOS.
EIRF530N	IRF530NPBF	TO220AB	100	17.0	PW. MOS.
EIRF540	IRF540	TO220	100	28.0	PW. MOS.
EIRF540N	IRF540NPBF	TO220AB	100	33.0	PW. MOS.
EIRF610P	IRF610PBF	TO220AB	200	3.3	PW. MOS.
EIRF620	IRF620	TO220	200	5.2	PW. MOS.
EIRF630	IRF630	TO220	200	9.0	PW. MOS.
EIRF640	IRF640	TO220	200	18.0	PW. MOS.
EIRF640N	IRF640NPBF	TO220AB	200	18.0	PW. MOS.
EIRF644P	IRF644PBF	TO220AB	250	14.0	PW. MOS.
EIRF730	IRF730	TO220	400	5.5	PW. MOS.
EIRF740P	IRF740PBF	TO220AB	400	10.0	PW. MOS.
EIRF820P	IRF820PBF	TO220AB	500	2.5	PW. MOS.
EIRF830P	IRF830PBF	TO220AB	500	4.5	PW. MOS.
EIRF840P	IRF840PBF	TO220AB	500	8.0	PW. MOS.
EIRF9540	IRF9540	TO220AB	100	19.0	PW. MOS.
EIRF9610	IRF9610PBF	TO220AB	200	1.8	PW. MOS.
EIRFB307	IRFB3077PBF	TO220AB	75	120.0	PW. MOS.
EIRFB3307	IRFB3307ZPBF	TO220AB	75	120.0	PW. MOS.
EIRFB441	IRFB4410PBF	TO220AB	100	96.0	PW. MOS.



SOT 23



SOT 32



TO 3



TO 92



TO 220
TO 220AB



TO 220FP



TO 247



TO 247AC

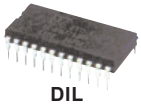


TO 251AA

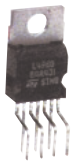
Transistor

Item No.	INT. code	Case	VCEO (V)	IC (A)	Desc.
EIRFBE30	IRFBE30PBF	TO220AB	800	4.1	PW. MOS.
EIRFBG20	IRFBG20PBF	TO220AB	1000	1.4	PW. MOS.
EIRFI540	IRFI540NPBF	TO220FP	100	20.0	PW. MOS.
EIRFP064	IRFP064NPBF	TO247AC	55	110.0	PW. MOS.
EIRFP240	IRFP240PBF	TO247AC	200	20.0	PW. MOS.
EIRFP260	IRFP260NPBF	TO247AC	200	50.0	PW. MOS.
EIRFP264	IRFP264PBF	TO247AC	250	38.0	PW. MOS.
EIRFP290	IRFP2907PBF	TO247AC	75	209.0	PW. MOS.
EIRFP446	IRFP4468PBF	TO247AC	100	195.0	PW. MOS.
EIRFP450	IRFP450PBF	TO247AC	500	14.0	PW. MOS.
EIRFP460	IRFP460PBF	TO247AC	500	20.0	PW. MOS.
EIRFP476	IRFP4768PBF	TO247AC	250	93.0	PW. MOS.
EIRFU024	IRFU024NPBF	TO251AA	55	17.0	PW. MOS.
EIRFZ44N	IRFZ44NPBF	TO220AB	55	49.0	PW. MOS.
EIRFZ44V	IRFZ44VPBF	TO220AB	60	55.0	PW. MOS.
EIRG4PC4	IRG4PC40WPBF	TO247AC	600	40.0	IGBT
EIRG4PC5	IRG4PC50FPBF	TO247AC	600	70.0	IGBT
EIRLB303	IRLB3036PBF	TO220AB	60	195.0	PW. MOS.
EIRLML28	IRLML2803TRPBF	SOT23	30	1.2	PW. MOS.
EIRLML52	IRLML5203TRPBF	SOT23	30	3.0	PW. MOS.
EIRLU120	IRLU120NPBF	TO251AA	100	10.0	PW. MOS.
EMJ10021	MJ10021	TO3	250	60.0	NPN
EMJ11015	MJ11015	TO3	120	30.0	PNP
EMJ15003	MJ15003	TO3	140	20.0	NPN
EMJ15024	MJ15024	TO3	250	16.0	NPN
EMJ2501	MJ2501	TO3	80	10.0	PNP
EMJ2955	MJ2955	TO3	60	15.0	PNP
EMJ3001	MJ3001	TO3	80	10.0	NPN
EMJE15-1	MJE15030	TO220AB	150	8.0	NPN
EMJE15-2	MJE15030G	TO220AB	150	8.0	NPN
EMJE15-3	MJE15032G	TO220AB	250	8.0	NPN
EMJE2955	MJE2955T	TO220AB	60	10.0	PNP
EMJE3055	MJE3055T	TO220AB	60	10.0	NPN
EMJE340	MJE340	SOT32	300	0.5	NPN
EMJE350	MJE350	SOT32	300	0.5	PNP
EMJE5742	MJE5742G	TO220AB	400	8.0	NPN
EMMBT440	MMBT4403	SOT23	40	0.6	PNP
EMMBTA13	MMBTA13	SOT23	30	0.3	NPN
EMPSA06	MPSA06	TO92	80	0.5	NPN
EMPSA42	MPSA42	TO92	300	0.5	NPN
EMPSA44	MPSA44	TO92	400	0.3	NPN
EMPSA56	MPSA56	TO92	80	0.5	PNP

Item No.	INT. code	Case	VCEO (V)	IC (A)	Desc.
EMPSA92	MPSA92	TO92	300	0.5	PNP
ERFP50N0	RFP50N06	TO220AB	60	50.0	PW. MOS.
ERFP70N0	RFP70N06	TO220AB	60	70.0	PW. MOS.
ESPP20-1	SPP20N60C3	TO220	650	20.7	PW. MOS.
ESPP20-2	SPP20N60S5	TO220	600	20.0	PW. MOS.
ESPW17N8	SPW17N80C3	TO247	800	17.0	PW. MOS.
ESPW47N6	SPW47N60C3	TO247	650	47.0	PW. MOS.
EST13007	ST13007	TO220AB	400	8.0	NPN
ESTGW20N	STGW20NC60VD	TO247	600	60.0	IGBT
ESTP10NK	STP10NK80ZFP	TO220FP	800	9.0	PW. MOS.
ESTP11NK	STP11NK50ZFP	TO220FP	500	10.0	PW. MOS.
ESTP12NM	STP12NM50	TO220	500	12.0	PW. MOS.
ESTP24NF	STP24NF10	TO220	100	26.0	PW. MOS.
ESTP26NM	STP26NM60N	TO220	600	20.0	PW. MOS.
ESTP55NF	STP55NF06	TO220	60	50.0	PW. MOS.
ESTP75NF	STP75NF75	TO220	75	80.0	PW. MOS.
ESTP7NK8	STP7NK80ZFP	TO220FP	800	5.2	PW. MOS.
ESTW12NK	STW12NK90Z	TO247	900	11.0	PW. MOS.
ESTW15NK	STW15NK90Z	TO247	900	15.0	PW. MOS.
ETIP107	TIP107	TO220AB	100	8.0	PNP
ETIP122	TIP122	TO220AB	100	5.0	NPN
ETIP127	TIP127	TO220AB	100	5.0	PNP
ETIP142	TIP142	TO247	100	10.0	NPN
ETIP147	TIP147	TO247	100	10.0	PNP
ETIP150	TIP150	TO220	300	7.0	NPN
ETIP2955	TIP2955	TO247	60	15.0	PNP
ETIP29C	TIP29C	TO220AB	100	1.0	NPN
ETIP3055	TIP3055	TO247	60	15.0	NPN
ETIP31C	TIP31C	TO220AB	100	3.0	NPN
ETIP32C	TIP32C	TO220AB	100	3.0	PNP
ETIP35C	TIP35C	TO247	100	25.0	NPN
ETIP36C	TIP36C	TO247	100	25.0	PNP
ETIP41C	TIP41C	TO220AB	100	6.0	NPN
ETIP42C	TIP42C	TO220AB	100	6.0	PNP
ETIP47	TIP47	TO220AB	250	1.0	NPN
ETIP50	TIP50	TO220AB	400	1.0	NPN
EZTX450	ZTX450	TO92	45	1.0	NPN
EZTX550	ZTX550	TO92	45	1.0	PNP
EZTX749	ZTX749	TO92	25	2.0	PNP
EZVN2110	ZVN2110A	TO92	100	0.32	N-CH. MOS.
EZVP2110	ZVP2110A	TO92	100	0.23	P-CH. MOS.
EZVP3306	ZVP3306A	TO92	60	0.16	P-CH. MOS.



DIL
DIP
MINIDIP
PW DIP



MULTIW 15
PENTAW 5



SO



TO 3



TO 92



TO 220

Integrated circuits

Item No.	INT. code	Case	Desc.
EL165V	L165V	PENTAW5	3A DC Mot. Dr.
EL200CV	L200CV	PENTAW5	adj Volt. Regul.
EL297	L297	DIL20	motor Contr.
EL298N	L298N	MULTIW15	dual Br. Driv.
EL7805AC	L7805ACV	TO220	Reg. +5V 1.0A
EL7805CV	L7805CV	TO220	Reg. +5V 1.5A
EL7806CV	L7806CV	TO220	Reg. +6V 1.5A
EL7808CV	L7808CV	TO220	Reg. +8V 1.5A
EL7809CV	L7809CV	TO220	Reg. +9V 1.0A
EL7812CV	L7812CV	TO220	Reg. +12V 1.5A
EL7815CV	L7815CV	TO220	Reg. +15V 1.5A
EL7818CV	L7818CV	TO220	Reg. +18V 1.5A
EL7824CV	L7824CV	TO220	Reg. +24V 1.5A
EL78L05A	L78L05ACZ	TO92	Reg. +5V 0.1A
EL78L08A	L78L08ACZ	TO92	Reg. +8V 0.1A
EL78S05C	L78S05CV	TO220	Reg. +5V 2.0A
EL78S12C	L78S12CV	TO220	Reg. +12V 2.0A
EL78S15C	L78S15CV	TO220	Reg. +15V 2.0A
EL78S24C	L78S24CV	TO220	Reg. +24V 2.0A
EL7905CV	L7905CV	TO220	Reg. -5V 1.5A
EL7912CV	L7912CV	TO220	Reg. -12V 1.5A
EL7915CV	L7915CV	TO220	Reg. -15V 1.5A
ELF353N	LF353N	DIL8	wide band W. Amp.
ELM224N	LM224N	DIL14	Quad. OP. Amp.
ELM317K	LM317K	TO3	Reg. Adj. 1.5A
ELM317T	LM317T	TO220	Reg. Adj. 1.5A
ELM324DS	LM324DSMD	SO14	Quad. OP. Amp.
ELM324N	LM324N	DIL14	Quad. OP. Amp.
ELM335Z	LM335Z	TO92	precision Temp.

Item No.	INT. code	Case	Desc.
ELM337T	LM337T	TO220	terminal Adjust.
ELM350T	LM350T	TO220	Reg. Adjust. 3A
ELM358P	LM358P	DIL8	dual OP. Amp.
ELM393N	LM393N	DIL8	dual V Comp.
ELM741CN	LM741CN	DIL8	OP. Amp.
EMAX232N	MAX232N	PDIP16	EIA-232 drivers Eceiv.
EMC1458P	MC1458P	DIL8	dual O. A. Dip.
EMC1488P	MC1488P	DIP16	Int. Quad. Dr.
EMC3302N	MC3302N	DIL14	Quad. Comp.
EMC34064	MC34064 P-5	TO92	sensing circuit
ENE555N	NE555N	DIL8	single timer
ENE556N	NE556N	DIL14	dual timer
ESG3524N	SG3524N	DIL16	Pwm. Contr.
ESG3525A	SG3525AN	DIL16	Pwm. Contr.
ESN75HVD	SN75HVD3082EP	DIP8	low Pw. Transceiv. RS-485
ETDA28-1	TDA2822M	DIL8	dual low Pw. Amp.
ETL071CN	TL071CN	DIL8	bifet OP. Amp.
ETL072CN	TL072CN	DIL8	dual bifet O.A.
ETL074CN	TL074CN	DIL14	Quad. bifet O.A.
ETL081CN	TL081CN	DIL8	bifet OP. Amp.
ETL082CD	TL082CD	SO8	OP. Amp.
EUA747CN	UA747CN	DIL14	dual OP. Amp.
EUA78L05	UA78L05	TO92	Reg. +5V 0.1A
EUA78L12	UA78L12	TO92	Reg. +12V 0.1A
EUC3842N	UC3842N	DIL8	Pwm. Contr.
EUC3843N	UC3843N	DIL8	Pwm. Contr.
EULN20-2	ULN2003A	DIL16	Darl. array
EULN20-4	ULN2004A	DIL16	Darl. array
EULN28-3	ULN2803A	DIL18	Darl. array

4000 Series & 4500 & 74HC series

Item No.	INT. code	Case	Desc.
ECD4001B	CD4001B	DIL14	NOR gate 2-IN
ECD4011B	CD4011B	DIL14	NAND gate 2-IN
ECD4012B	CD4012B	DIL14	NAND gate 4-IN
ECD4013B	CD4013B	DIL14	flip flop type D
ECD4016B	CD4016B	DIL14	Bilat. switch
ECD4017B	CD4017B	DIL16	johnson Coun.
ECD4021B	CD4021B	DIL16	shift register
ECD4022B	CD4022B	DIL16	johnson Count.
ECD4023B	CD4023B	DIL14	NAND gate 3-IN

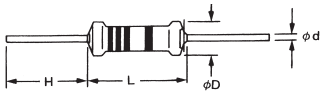
Item No.	INT. code	Case	Desc.
ECD4024B	CD4024B	DIL14	binary counter
ECD4049U	CD4049UB	DIL16	inverting buffer
ECD4052B	CD4052B	DIL16	4-CH mux/demux
ECD4071B	CD4071B	DIL14	OR gate 2-IN
ECD4081B	CD4081B	DIL14	AND gate 2-IN
ECD4511B	CD4511B	DIL16	BCD-7Sg. Decod.
E74H14B	74HC14B	DIL14	NOT schmitt Trig.
E74H195B	74HC195B	DIL16	shift register
E74H244P	74HC244P	DIL20	buffer 3-state

Carbon film resistors

RA10001 x

G : ±2%
J : ±5%
Resistance tolerance
Item No.





- High stability, accuracy and reliability
- Low temperature coefficient and noise figure
- Quality and reliability from automated production
- Rigid control of raw materials
- Light brown color on body
- Meeting or exceeding the applicable requirements of MIL-STD-202, JIS-C-5202

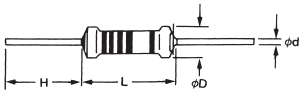
Item No.	Power rating	Dimension (mm)				Max. working V.	Max. overload V.	Resistance range		pcs / bag
		L	D	H	d			±2% (G)	±5% (J)	
RA10001	1/8 W	3.7	1.5	25	0.45	200V	400V	10Ω ~ 470K	1Ω ~ 4.7M	1000
RA10002	1/4 W	6.5	2.3	25	0.5	250V	500V	10Ω ~ 1M	1Ω ~ 10M	1000
RA10004	1/2 W	9.0	3.5	25	0.55	350V	700V	10Ω ~ 1M	1Ω ~ 10M	1000
RA10005	1 W	12.0	4.5	25	0.75	500V	1000V	10Ω ~ 1M	1Ω ~ 10M	1000
RA10006	2 W	16.0	5.5	25	0.75	500V	1000V	10Ω ~ 1M	1Ω ~ 10M	1000

Metal film resistors

RA10010 x

B : ±0.1%
D : ±0.5%
F : ±1 %
Resistance tolerance
Item No.



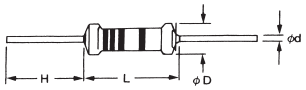


- Miniature, replacements for composition, carbon film and wire wound resistors
- High stability, accuracy and reliability
- Low temperature coefficient 25ppm
- Low current noise
- Meets requirements of MIL-STD-202, JIS-C-5202
- Low cost

Item No.	MIL style	Power rating		Dimension (mm)				Max. working V.		Max. overload V.		Resistance range			pcs / bag
		70°C	125°C	L	D	H	d	70°C	125°C	70°C	125°C	±0.1% (B)	±0.5% (D)	±1% (F)	
RA10010	RN-50	1/8W	0.05W	3.7	1.5	25	0.45	200	150	400	300	100Ω~100KΩ	100 Ω~100KΩ	100 Ω~100KΩ	1000
RA10011	RN-55	1/4W	0.1W	6.5	2.3	25	0.50	250	200	500	400	100Ω~100KΩ	51.1Ω~511KΩ	51.1Ω~511KΩ	1000
RA10013	RN-60	1/2W	0.125W	9.0	3.5	25	0.55	350	250	700	500	100Ω~330KΩ	51.1Ω~ 1MΩ	51.1Ω~ 1MΩ	1000
RA10016	RN-65	1W	0.25W	12.0	4.5	25	0.75	500	300	1000	600	100Ω~330KΩ	51.1Ω~ 1MΩ	51.1Ω~ 1MΩ	1000
RA10017	RN-70	2W	0.5W	16.0	5.5	25	0.75	500	350	1000	700	100Ω~330KΩ	51.1Ω~ 1MΩ	51.1Ω~ 1MΩ	1000

Metal oxide film resistors





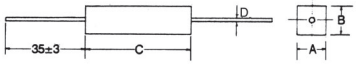
- Low cost, prompt delivery
- Excellent long-term stability
- Complete flameproof construction
- High surge/overload capability
- Wide resistance range : 0.5Ω to 240K
- Standard tolerance : ±5% (consult factory for 1%)
- Coating and marking resist trichlorethelyne, freon, and other cleaning agents
- Improved stability, dissipation, tcr available, consult factory

Item No.	Power rating	Dimension (mm)				Max. working V.	Max. overload V.	Resistance range	pcs / bag
		L	D	H	d			5%	
RA10020	0.5 W	9	3.5	25	0.55	300V	600V	0.1Ω ~ 1MΩ	1000
RA10021	1 W	12	4.5	27	0.75	350V	700V	0.1Ω ~ 1MΩ	1000
RA10022	2 W	16	5.5	27	0.75	350V	700V	0.1Ω ~ 1MΩ	1000
RA10023	3 W	25	8.5	27	0.75	500V	1000V	0.5Ω ~ 1MΩ	1000
RA10024	4 W	32	8.5	27	0.75	500V	1000V	10 Ω ~ 1MΩ	1000
RA10025	5 W	41	8.5	27	0.75	750V	1000V	10 Ω ~ 150KΩ	1000
RA10026	7 W	53	8.5	27	0.75	750V	1000V	10 Ω ~ 150KΩ	1000

Wire wound resistors

- Small Dim. excellent stability in high Temp., resistant to humidity and shock with economic price
- Completely insulated character suitable for printed circuit board
- Precise resistance value with better life proof
- In high resistance value, the winding core will be replaced by metal oxide film cutting core (MOR)
- Super heat dissipation; small linear temperature coefficient
- Instant overload capability; low noise figure and without annual shift on resistance value

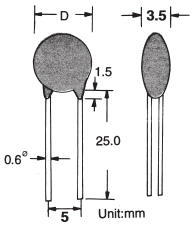




•Notes: non-inductive type up to 27Ω

Item No.	Power rating	Dimension (mm)				Max. working voltage	Resistance range (Ω)		pcs / bag
		A±1	B±1	C±1	D		WRCP	MOR+WRCP	
RA10030	2W	7	7	18	0.65	150V	0.1Ω ~ 50Ω	51Ω ~ 20KΩ	100
RA10031	3W	8	8	22	0.75	350V	0.1Ω ~ 50Ω	51Ω ~ 33KΩ	100
RA10032	5W	9.5	9	22	0.75	350V	0.1Ω ~ 100Ω	101Ω ~ 50KΩ	100
RA10033	7W	9.5	9	35	0.75	500V	0.1Ω ~ 500Ω	501Ω ~ 50KΩ	100
RA10034	10W	9.5	9	48	0.75	750V	0.1Ω ~ 500Ω	501Ω ~ 50KΩ	100
RA10035	15W	12.5	12	48	0.75	1000V	0.5Ω ~ 1KΩ	1KΩ ~150KΩ	100
RA10036	20W	14	13.5	60	0.75	1000V	0.5Ω ~ 1KΩ	1KΩ ~150KΩ	100

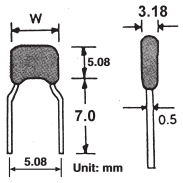
Temp. compensation & high dielectric constant ceramic
Specifications :
•Operating Temp. range : - 25˚C to 85˚C
•Rated working voltage : 50VDC
•Test voltage : 3 times of the rated voltage
Package : 1000pcs/bag

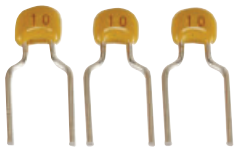




NPO								Y5P			
Item No.	CAP. PF	Tol. ±PF	D	Item No.	CAP. PF	Tol.	D	Item No.	CAP. PF	Tol.	D
RB10100	1.0			RB10113	12			RB10150	150		
RB10101	1.2			RB10114	15			RB10151	180		
RB10102	1.5			RB10115	18			RB10152	220		
RB10103	1.8			RB10116	22		5.5	RB10153	270		
RB10104	2.2	±0.5		RB10117	27			RB10154	330		
RB10105	2.7		5.5	RB10118	33	±5%		RB10155	390	±10%	5.5
RB10106	3.3			RB10119	39			RB10156	470		
RB10107	3.9			RB10120	47			RB10157	560		
RB10108	4.7			RB10121	56		6.5	RB10158	680		
RB10109	5.6	±5%		RB10122	68			RB10159	820		
RB10110	6.8			RB10123	82		7.5	RB10160	1000		
RB10111	8.2			RB10124	100			RB10161	2200		6.5
RB10112	10.0			RB10125	120		8.5	RB10162	2700		

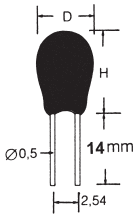
Multilayer ceramic - radial
Specifications :
•Operating Temp. range : - 55˚C to 125˚C (NPO. X7R)
+ 10˚C to 85˚C (Z5U)
•Rated working voltage : 50VDC
•Epoxy coated
Package : 1000pcs/bag

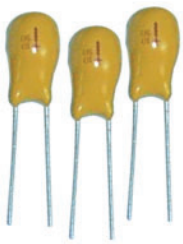




NPO				X7R				Y5V			
Item No.	CAP. PF	Tol.	W	Item No.	CAP. nF	Tol.	W	Item No.	CAP. nF	Tol.	W
RB10200	10			RB10230	1.0			RB10250	10		
RB10201	15			RB10231	1.5			RB10251	15		
RB10202	22			RB10232	2.2			RB10252	22		
RB10203	33	±5%		RB10233	3.3			RB10253	33	±20%	
RB10204	47			RB10234	4.7	±10%		RB10254	47		
RB10205	68		5.08	RB10235	6.8		5.08	RB10255	68		5.08
RB10206	100			RB10236	8.2			RB10256	82		
RB10207	150			RB10237	10			RB10257	100	+80%	
RB10208	180			RB10238	15			RB10258	150	-20%	
RB10209	220			RB10239	22						
RB10210	330	±10%		RB10240	33	±20%					
RB10211	470			RB10241	47						
RB10212	680			RB10242	68						

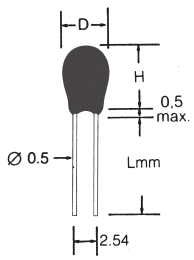
Tantalum capacitors - for general purpose
Specifications :
•Operating Temp. range : - 55˚C to 85˚C
•Capacitance tolerance : ± 20 %
•Leakage current IL : 2μA Max.
Package : 1000pcs/bag





6.3V			16V			35V		
Item No.	CAP μF	D x H	Item No.	CAP μF	D x H	Item No.	CAP μF	D x H
RB10300	3.3	4 x 6	RB10330	1.5	4 x 6	RB10350	0.1	4 x 6
RB10301	4.7	4 x 6	RB10331	2.2	4 x 6	RB10351	0.22	4 x 6
RB10302	6.8	4.5 x 6.5	RB10332	3.3	4.5 x 6.5	RB10352	0.33	4 x 6
RB10303	10	4.5 x 7	RB10333	4.7	4.5 x 7	RB10353	0.47	4 x 6
RB10304	15	5 x 7	RB10334	6.8	5 x 7	RB10354	0.68	4 x 6
RB10305	22	5 x 8	RB10335	10	5 x 8	RB10355	1.0	4 x 6
RB10306	33	5.5 x 8.5	RB10336	15	5.5 x 8.5	RB10356	2.2	4.5 x 6.5
RB10307	47	6 x 9	RB10337	22	6 x 9	RB10357	3.3	5 x 8
RB10308	68	7.5 x 11	RB10338	33	7.5 x 11	RB10358	4.7	5.5 x 8.5
RB10309	100	8 x 12	RB10339	47	8 x 12	RB10359	6.8	6.5 x 10
RB10310	150	9 x 14	RB10340	68	9 x 14	RB10360	10	7.5 x 11
RB10311	220	10 x 14	RB10341	100	10 x 14	RB10361	22	9 x 14
RB10312	330	10.5 x 15	RB10342	150	10.5 x 15	RB10362	33	10 x 14

Tantalum capacitors - for small size
Specifications :
•Operating Temp. range : - 55˚C to 85˚C
•Capacitance tolerance : ± 20 %
•Leakage current IL : 0.5μA Max.
Package : 1000pcs/bag



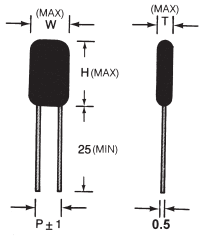


6.3V			16V			35V		
Item No.	CAP μF	D x H	Item No.	CAP μF	D x H	Item No.	CAP μF	D x H
RB10400	0.68	3 x 5	RB10430	0.68	3.5 x 5.5	RB10450	0.47	3.5 x 5.5
RB10401	1.0	3.5 x 5.5	RB10431	1.0	4 x 6	RB10451	0.68	3.5 x 5.5
RB10402	1.5	3.5 x 5.5	RB10432	1.5	4 x 6	RB10452	1.0	4 x 6
RB10403	2.2	4 x 6	RB10433	2.2	4 x 6	RB10453	1.5	4 x 6.5
RB10404	3.3	4 x 6	RB10434	3.3	4 x 6	RB10454	2.2	4 x 6.5
RB10405	4.7	4 x 6	RB10435	4.7	4 x 6.5	RB10455	3.3	5 x 7
RB10406	6.8	4 x 6.5	RB10436	6.8	4 x 6.5	RB10456	4.7	5.5 x 8
RB10407	10	4 x 6.5	RB10437	10	5 x 7	RB10457	6.8	5.5 x 8
						RB10458	10	6 x 9

Polyester film capacitor - inductive (PEI)

Specifications :
- •Operating Temp. range : - 40˚C to 85˚C
- •Capacitance tolerance : ± 10%
- •Rated voltage : 100VDC
- •Dissipation factor : 1.0% Max. at 1KHz, 25˚C
- •Insulation resistance : >20000 MΩ (C≤ .1μF)
  >2000 MΩ-μF (C>.1μF)

Package : 500pcs/bag



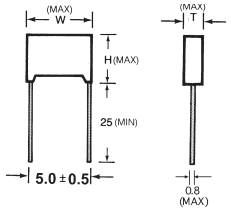


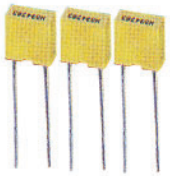
100VDC																	
Item No.	CAP. nF	W	H	T	P	Item No.	CAP. nF	W	H	T	P	Item No.	CAP. nF	W	H	T	P
RB10500	1.0	5.8	10.5	3.3	3	RB10511	8.2	6.5	10.5	4.0	3	RB10522	68	10	12.5	5.5	6
RB10501	1.2	5.8	10.5	3.3	3	RB10512	10	6.5	10.5	4.0	3	RB10523	82	10.5	12.5	6.0	7
RB10502	1.5	5.8	10.5	3.3	3	RB10513	12	6.5	10.5	4.0	3	RB10524	100	11.5	13	6.5	7
RB10503	1.8	5.8	10.5	3.3	3	RB10514	15	7.5	10.5	4.0	4	RB10525	120	12	13	7	7
RB10504	2.2	5.8	10.5	3.3	3	RB10515	18	7.5	10.5	4.0	4	RB10526	150	12	15	7	7
RB10505	2.7	5.8	10.5	3.3	3	RB10516	22	7.8	10.5	4.5	4	RB10527	180	12	16	7.5	7
RB10506	3.3	5.8	10.5	3.3	3	RB10517	27	7.8	12	4.5	5	RB10528	220	12	16	8	8
RB10507	3.9	6.0	10.5	3.5	3	RB10518	33	8.0	12	4.5	5	RB10529	270	12.5	16	8.5	8
RB10508	4.7	6.5	10.5	3.5	3	RB10519	39	8.0	12.5	5.0	5	RB10530	330	13.5	17	8.5	8
RB10509	5.6	6.5	10.5	3.5	3	RB10520	47	9.3	12.5	5.0	6	RB10531	390	14	17.5	9.0	8
RB10510	6.8	6.5	10.5	3.5	3	RB10521	56	9.7	12.5	5.0	6	RB10532	470	15	18	10	9

Metalied polyester capacitor - mini box (MEMB)
(non-inductive)

Specifications :
- •Operating Temp. range : - 40˚C to 85˚C
- •Capacitance tolerance : ± 10%
- •Rated voltage : 50VDC, 75VDC
- •Dissipation factor : 1.0% Max. at 1KHz, 20˚C
- •Insulation resistance : ≥18000 MΩ (C≤ 0.1μF)
  ≥1800 ΩF (C> 0.1μF)
- •Body : expoxy resin

Package : 1000pcs/bag



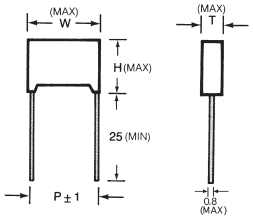


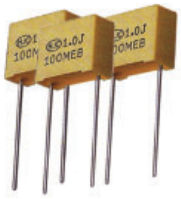
50VDC						75VDC		
Item No.	CAP. nF	W x H x T	Item No.	CAP. nF	W x H x T	Item No.	CAP. nF	W x H x T
RB10600	1.0	7.2 x 6.5 x 2.5	RB10613	150	7.2 x 7.5 x 3.5	RB10630	1.0	7.2 x 6.5 x 2.5
RB10601	1.5		RB10614	220		RB10631	1.5	
RB10602	2.2		RB10615	330	7.2 x 8.5 x 4.5	RB10632	2.2	
RB10603	3.3		RB10616	470	7.2 x 10 x 5.0	RB10633	3.3	
RB10604	4.7		RB10617	680	7.2 x 11 x 6	RB10634	4.7	
RB10605	6.8					RB10635	6.8	
RB10606	10					RB10636	10	
RB10607	15					RB10637	15	
RB10608	22					RB10638	22	
RB10609	33					RB10639	33	7.2 x 7.5 x 3.5
RB10610	47					RB10640	47	
RB10611	68					RB10641	68	7.2 x 8.5 x 4.5
RB10612	100	7.2 x 6.5 x 3.0				RB10642	100	7.2 x 10 x 5

Metalied polyester capacitor - box (MEB)
(non-inductive)

Specifications :
- •Operating Temp. range : - 40˚C to 85˚C
- •Capacitance tolerance : ± 10%
- •Rated voltage : 250VDC, 630VDC
- •Dissipation factor : 1.0% Max. at 1KHz, 25˚C
- •Insulation resistance : >30000 MΩ (C≤ .33μF)
  >10000 MΩ-μF (C> .33μF)
- •Body : expoxy resin

Package : 500pcs/bag



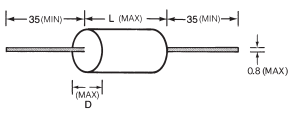


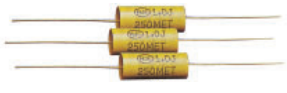
250VDC								630VDC			
Item No.	CAP nF	W x H x T	P	Item No.	CAP nF	W x H x T	P	Item No.	CAP nF	W x H x T	P
RB10700	10	10.5 x 9 x 4	7.5	RB10711	680	26.5 x 16.5 x 7	22.5	RB10750	10	13 x 11 x 5	10
RB10701	15			RB10712	1000	26.5 x 17.5 x 8		RB10751	15		
RB10702	22			RB10713	1500	32 x 20 x 11	27.5	RB10752	22		
RB10703	33			RB10714	2200			RB10753	33	13 x 12 x 6	
RB10704	47	13 x 9 x 4	10	RB10715	3300	32 x 22 x 13		RB10754	47	18 x 12 x 6	15
RB10705	68							RB10755	68	18 x 13.5 x 7.5	
RB10706	100	13 x 11 x 5						RB10756	100	18 x 14.5 x 8.5	
RB10707	150	18 x 11 x 5	15					RB10757	150	26.5 x 16.5 x 7	22.5
RB10708	220	18 x 12 x 6						RB10758	220	26.5 x 17.5 x 8.5	
RB10709	330	18 x 13.5 x 7.5						RB10759	330	32 x 20 x 11	27.5
RB10710	470	26.5 x 15 x 6	22.5					RB10760	470	32 x 22 x 13	

Metalied polyester capacitor - tubular (MET)
(non-inductive)

Specifications :
- •Operating Temp. range : - 40˚C to 85˚C
- •Capacitance tolerance : ± 5%, ± 10%
- •Rated voltage : 250VDC, 630VDC
- •Dissipation factor : 1.0% Max. at 1KHz, 25˚C
- •Insulation resistance : >30000 MΩ (C≤ .33μF)
  >10000 MΩ-μF (C> .33μF)
- •Body : expoxy resin

Package : 500pcs/bag

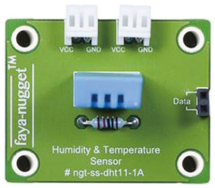




250VDC (± 10 %)						630VDC (± 20 %)		
Item No.	CAP nF	D x L	Item No.	CAP nF	D x L	Item No.	CAP nF	D x L
RB10800	10	5 x 11	RB10811	680	10 x 25	RB10830	10	6 x 14
RB10801	15	5 x 11	RB10812	1000	11.5 x 25	RB10831	15	7 x 14
RB10802	22	5 x 14	RB10813	1500	11.5 x 33	RB10832	22	8 x 14
RB10803	33	5 x 14	RB10814	2200	14 x 33	RB10833	33	10 x 14
RB10804	47	5.5 x 14	RB10815	3300	15 x 38	RB10834	47	8.5 x 19
RB10805	68	6 x 14	RB10816	4700	18 x 44	RB10835	68	9.5 x 19
RB10806	100	7 x 14	RB10817	6800	20 x 44	RB10836	100	11 x 19
RB10807	150	8.5 x 14	RB10818	10000	23 x 48	RB10837	150	11.5 x 25
RB10808	220	8 x 19				RB10838	220	13 x 25
RB10809	330	9 x 19				RB10839	330	16 x 25
RB10810	470	9.5 x 25				RB10840	470	14 x 33

RH10150
Temperature & humidity sensor module

Specifications:
· Operating voltage: 5VDC
· Humidity range: 20 ~ 90% RH
· Temp. range: 0˚C to 50˚C
· Humidity accuracy: ±5% RH
· Temp. accuracy: ±2˚C

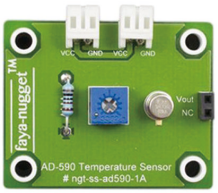


Features:
· Fully calibrated, digital output
· Excellent long-term stability
· Low power consumption

Applications:
· HVAC
· Automotive
· Consumer goods
· Weather stations
· Humidifiers
· Dehumidifiers
· Test & measurement
· Data logging
· Automation
· White goods
· Medical

RH10152
Temperature sensor module

Specifications:
· Operating voltage: 5VDC
· Linear current output: 1μA/K
· Temp. range: -55˚C to +150˚C
· Two terminal device: Voltage in / current out
· Sensor isolation from case

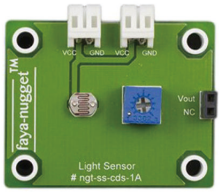


Features:
It's a two-terminal integrated circuit temperature transducer that produces an output current proportional to absolute temperature. For supply voltages between 4V and 30V the device acts as a high impedance, constant current regulator passing 1 μA/K. Laser trimming of the chip's thin-film resistors is used to calibrate the device to 298.2 μA output at 298.2K (@25°C).

Applications:
· Floor control
· HVAC
· Test & measurement

RH10154
Photoresistor light sensor module

Specifications:
· Operating voltage: 5VDC
· Voltage: 150VDC Max.
· Power dissipation: 125mW
· Operating Temp.: -25˚C to +75˚C
· Peak spectral response: 570nm

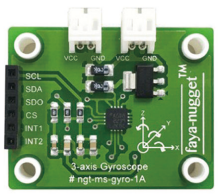


Features:
· Fast response
· Good reliability
· High sensitivity
· Good spectrum characteristic

Applications:
· Contrast control in TV sets
· Auto flash for cameras
· Room light control
· Electronic toys
· Industrial control
· Street light

RH10156
Gyroscope sensor module

Specifications:
· Operating voltage: 5VDC
· Operating current: 6.1mA
· Power down current: 5μA
· Vlogic voltage: 1.71V ~ VDD+0.1
· Scale range: ±250/±500/±2000dps
· Sensitivity: 8.75 / 17.5 / 70 mdps/digit
· Digital output data rate: 100 / 200 / 400 / 800Hz

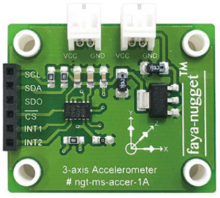


Features:
· It's a low-power three-axis angular rate sensor able to provide unprecedented stablility of zero rate level and sensitivity over temperature and time
· I²C/SPI digital output interface
· 16 bit-rate value data output
· 8-bit temperature data output
· Embedded power-down and sleep mode
· Embedded temperature sensor
· Embedded FIFO
· High shock survivability

Applications:
· Gaming and virtual reality input devices
· Montion control with MMI (man-machine interface)
· GPS navigation systems
· Appliances and robotics

RH10158
Triaxial acceleration sensor module

Specifications:
· Operating voltage: 5VDC
· Operating current: 145μA
· Standby current: 0.1μA
· Bandwidth: 1600Hz Max.
· Interface: SPI/I²C
· Measurement range: ±2g / ±4g / ±8g / ±16g
· Operating Temp.: -40˚C to +85˚C



Features:
· High resolution (4mg/LSB) enables measurement of inclination changes less than 1.0°
· Low power dissipation
· Power consumption scales automatically with bandwidth
· Flexible interrupt modes mappable to either interrupt pin
· Measurement ranges and bandwidth selectable via serial command

Applications:
· Handsets
· Medical instrumentation
· Gaming and pointing devices
· Industrial instrumentation
· Personal navigation devices
· Hard disk drive (HDD) protection
· Fitness equipment

RH10160
Combustible gas sensor module

Specifications:
· Operating voltage: 5VDC
· Detection range: 300 ~ 10000 ppm
· Heater power consumption: ≤900mW
· Sensitivity: Rs(in air) / Rs(1,000ppm C_3H_8) ≥5

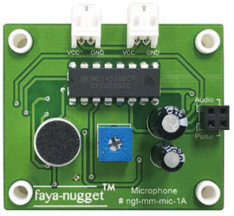


Features:
· Good sensitivity to combustible gas in wide range
· High sensitivity to methane, propane, and butane
· Long life

Applications:
· Domestic gas leakage detector
· Industrial combustible gas detector
· Portable gas detector

RH10162
Sound sensor module

Specifications:
· Operating voltage: 5VDC
· Ranging distance: 0 ~ 500cm
· Input frequency: 500Hz ~ 40kHz
· S/N Ratio: 40dB or more
· Input sound pressure: 120dB SRL Max.
· Output model: Digital output (high / low level)



Features:
It's the most sensitive to the environment sound intensity, commonly used to detect the intensity of the sound of the surroundings. When module in the intensity of the sound environment can not reach set threshold, the OUT will output high level, when the intensity of the sound from the outside environment more than set threshold, the module OUT output low level.

Applications:
· Consumer electronics
· Security and monitoring systems
· Home automation
· Ambient sound recognition
· Sound level recognition

RH10164
Ultrasonic ranging sensor module

Specifications:
· Operating voltage: 5VDC
· Operating current: 15mA
· Operating frequency: 40kHz
· Sensing distance: 2 ~ 400cm
· Sensing angle: ≤15˚
· Ranging accuracy: 3mm



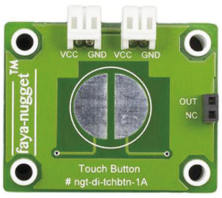
Features:
It provides non-contact measurement function and includes ultrasonic transmitters, receiver and control circuit.

The basic principle of work:
· Using IO trigger for high level signal
· It automatically sends eight 40kHz and detect whether there is a pulse signal back
· If the signal back, through high level, time of high output IO duration is the time from sending ultrasonic to returning

Applications:
· Object distance measurement
· Level detection
· Security systems
· Vehicle detection / avoidance

RH10166
Touch sensor module

Specifications:
· Operating voltage: 5VDC
· Output: Active - high
· Touch resistance: <4MΩ

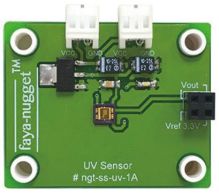


Features:
· Output IO ports can be connected directly to the microcontroller
· Long life and continuous work
· The standard 2.54mm pin input & output connector

Applications:
· Intelligent car
· Video game controllers

RH10168
UV sensor module

Specifications:
· Operating voltage: 5VDC
· Output voltage: 0.95 ~ 1.05VDC
· Operating current: 300μA
· Standby current: 0.1μA
· Response wavelength: 365nm
· Operating Temp.: -20 to +70˚C

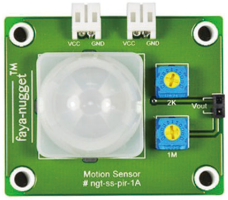


Features:
· Photodiode sensitive to UV-A and UV-B
· Embedded operational amplifier

Applications:
· UV tester
· UV index meter
· Outdoor UV monitoring equipment
· Germicidal lamp equipment
· Flame detection
· Weather station
· Bicycle navigation

RH10170
Passive infrared sensor module

Specifications:
· Operating voltage: 5VDC
· Spectral response : 5 ~ 14μm
· Transmittance: ≥75%
· Output signal: ≥3500mV
· Output balance: <10%
· Sensitivity: ≥3300V/W
· Operating Temp.: -30˚C to +70˚C



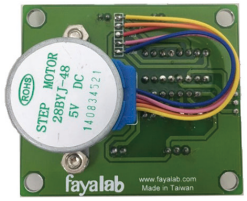
Features:
The pyroelectric infrared sensor detects infrared radiation on the basis of the characteristics that the polarization of pyroelectric material changes with temperature.

Dual compensated sensing elements are applied to suppress the interference resulting from temperature variation with the EMI components.

Applications:
· Security system
· Burglar alarms
· Visitor acknowledgement
· Light switch control
· Intellectualized toy

RH10172
Stepper motor sensor module

Specifications:
· Operating voltage: 5VDC
· Number of phase: 4
· DC resistance: 50Ω ± 7%
· Stride angle: 5.625˚/64
· Pull-in torque: 300 gf-cm
· Insulated electricity power: 600VAC/1mA/1s

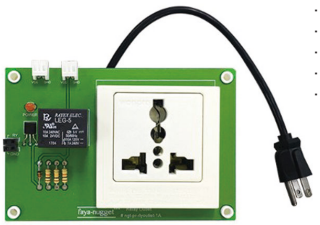


Features:
· ULN2003 stepper motor driver board
· High-quality stepper motor with gear reduction, low noise, smooth operation
· 5V can be driven to facilitate the use of SCM developers
· The standard interface can also be used to drive other stepper motors through this board

Applications:
· 51 / AVR / ARM and other platforms
· Necessary part for robot design and development

RH10174
Relay sensor module

Specifications:
· Operating voltage: 5VDC
· Nominal current: 72mA
· Input voltage: 110 ~ 240VAC
· Resistance: 70Ω ± 10%
· Contact arrangement: 1NO1NC
· Relay input: High / low

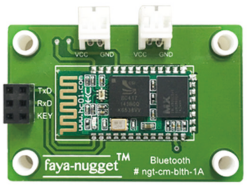


Features:
· 10A cube relay
· Plastic material applied in high temperature and better chemical solution
· Sealed type for washing procedure

Applications:
· Home appliances (TV, fan, light ...etc.)
· Office machines
· Audio equipment
· Coffee pot
· Control units

RH10176
Bluetooth sensor module

Specifications:
· Operating voltage: 5VDC
· Protocol: Bluetooth V2.0 + EDR
· Default baud rate: 9600 bps
· Default state: Slave mode
· RF transmit power: +4dBm
· Sensitivity: -80dBm

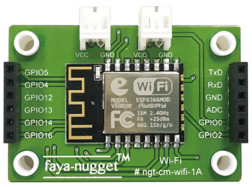


Features:
· Easy to use bluetooth SPP (serial port protocol) module, designed for transparent wireless serial connection setup
· Fully qualified bluetooth V2.0 + EDR (enhanced data rate) 3Mbps modulation with complete 2.4GHz radio transceiver and baseband
· PIO control
· UART interface with programmable baud rate
· With integrated antenna

Applications:
· Wireless communication
· Data logging
· Consumer applications
· Wireless robots
· Home automation

RH10178
Wifi sensor module

Specifications:
· Operating voltage: 5VDC
· Operating current: 80mA Avg.
· Protocol: 802.11 b/g/n
· Frequency range: 2.4G ~ 2.5GHz
· Default baud rate: 115,200
· Default state: Slave mode
· Operating Temp.: -40˚C to +125˚C



Features:
· Defragmentation
· 2 x virtual Wi-Fi interface
· Automatic beacon monitoring (hardware TSF)
· Support infrastructure BSS station / softAP / promiscuous mode
· Antenna diversity

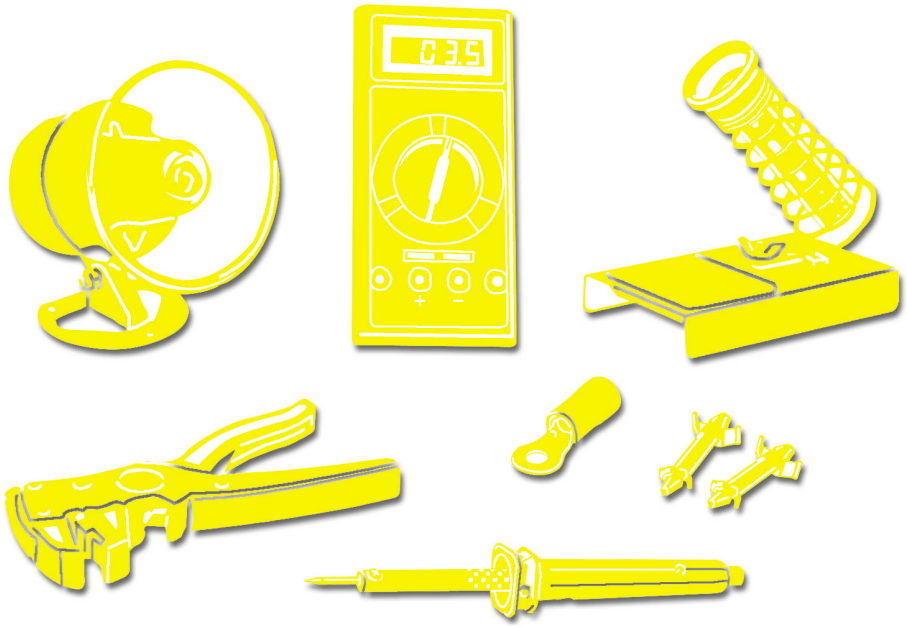
Applications:
· Home appliances & automation
· Smart plugs and lights
· Industrial wireless control
· IP cameras
· Sensor networks
· Wi-Fi location-aware devices
· Security ID tags
· Wi-Fi position system beacons

SA

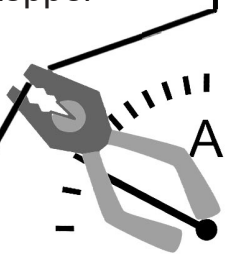
SA.SB.SF.SG.SL.
SM.SN.SP.SQ.ST.

SHALLIN COMPONENTS

Equipment & tool series



Bluetooth Audio Transceiver & Receiver / Amplifier / Electret Condenser Microphone / Speaker / Wiring Accessories / Solderless Terminal / Plastic & Metal Screw / Heat Shrinkable Tubings / Heat Sink / Cooling Fan /Soldering Tool / Glue Gun / Anti-Static Accessories / Hand Tool / Screwdriver / Mini Plier / Tool / Universal PC Board / Universal Project Box / Components Storage Box / DC & AC Motor / DC Stepper Motor / AC & DC Adaptor / Solar Controller & Inverter / RFID & NFC Tag / RFID Module / Programmer / Tester / Eraser / Test Equipment / Digital Multi Meter / UPS / Oscilloscope



SB51500
Bluetooth music transceiver

Bluetooth 2.1



Features:
- Bluetooth devices searching automatically to realize connect, transmit wireless audio transmission
- No APP and driver need
- Noise reduction and echo cancellation
- Multi-band equalizer configuration
- Support voice prompts
- Integrated Li-type battery charger and support 300mA fast charge and over-discharge protection
- Built-AEC echo cancellation and noise cancellation circuit ANC
- Built-in enhanced signal transmission circuit, connected faster and more stable
- Automatic memory connected function, the operation is easier, more convenient

Specifications:
- Bluetooth version: bluetooth 2.1, consume low power (A2DP)
- Supported protocol: A2DP, AVRCP, HFP, SPP HID
- Current consumption:
  ≤43MA (receiving mode)
  ≤60MA (transmitting mode)
  <18MA (standby mode)
- Built-in battery
- Playing period: 8 hours
- Bluetooth distance: 10M
- Interface:
  1. Micro USB power input 5V/0.3A
  2. 3.5mm stereo audio port (for transmitter and receiving)
- Compatibility: all bluetooth audio devices (smartphone /PC /notebook / bluetooth phone, etc.)

SB51503
Bluetooth music receiver

Bluetooth 3.0





Description:
Bluetooth connectivity: stream your audio entertainment instantly from any Bluetooth portable device
Better sound without wires: listen to movies, music and games through your good speakers from your smartphone
Keeps your mobile devices mobile: get a reliable audio connection without having to dock your mobile device or wire it to your sound system
Easy setup: simply pair your bluetooth smartphone or tablet to the adapter and you're ready to hear great music
Works with your choice of speakers: plug the adapter into virtually any pair of powered speakers

Features:
- Compact design
- Auto-Pairing
- 3.5mm stereo output: for connection to any speaker system and more with a standard AUX input
- Bluetooth version: 3.0 EDR compliant
- Bluetooth receive distance:10 meters
- Support micro-USB (type A or B) power input 5V/0.5A

SB51505
Stereo audio power amplifier built-in bluetooth receiver

Bluetooth 3.0





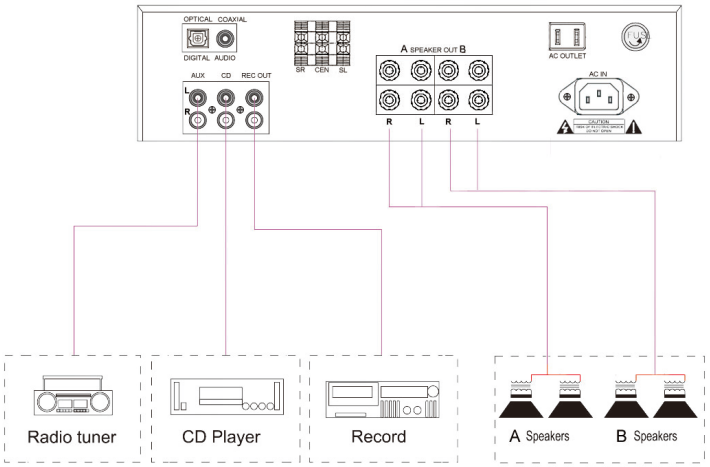
Specifications:
- Audio inputs: bluetooth receiver or stereo audio line level
- Bluetooth version: 3.0 EDR compliant
- Bluetooth receive distance:10 meters
- Power amplifier type: stereo class-D
- Output power: 15W(rms) per channel (@ RL=4 ohm)
- THD+N: 0.06% (@ RL=8 ohm, f = 1 kHz)
- Minimum load resistance: 4 ohm
- Includes speaker protection circuit
- Power source: 12VDC/2A
- US/EU/AU/UK available

Bluetooth blue LED status:
- Power on: 0.1s on/off flash 3 times
- Pairing ok: 0.5s on/off till link ok
- Link ok: 0.05s on/ 0.2s off flash 2 times each 5s
- Standby: 0.05s on/ 0.2s off flash 1 times each 5s
- Play music: 0.1s on/ 0.1s off flash 1 times each 5s
- Link back: 0.05s on/ 0.15s off flash 1 times each 5s

For **SB52301**

Features:

· Professional sound construct and home stereo combined got this design.
· Balanced and unbalanced inputs structured.
· Both phone jack for microphone inputs.
. Optical and coaxial jack for digital audio inputs.
· RCA jack inputs for CD player, tuner, recorder, and line in keeps for some other audio sources.
. Built-in bluetooth for wireless audio streaming
· These models include four pair speaker binding posts to permit connection of a high / low impedance speakers.
. A and B speaker selector options



SB52301
250W Mixing amplifier W/USB & SD card port
· LED display
· Separate bass and treble tone control
. 4channels output - A and B speaker selector options
· MP3 player, Bluetooth, ECHO
. AC

Bluetooth 3.0



Power output	250W + 250W(Max.)
Inputs	Mic.x2, Audio.x2, Optical/Coaxial.x1
Microphones	1k Ω / 25mV
Music sources	CD / 47KΩ / 200mV, TUNER / 47KΩ / 200mV Bluetooth, MP3, REC. out
Frequency response	20Hz to 20000Hz (+3dB/-3dB)
Singnal to noise ratio	75dB / all chanels off
Distortion	less than 0.7% at rated power
Power sources	AC / 110V / 220V switchable 50 / 60 Hz
Power consumption	350W
Dimensions(WxDxH)	280 x 250 x 90 mm
Weight	3.9kgs

SB52302
40W public address amplifier
· LED level meter
· Separate bass and treble tone control
· AC / DC 12V



Power output	40W(RMS) 80W(Max.)
Frequency response	50-15000Hz
Inputs	input1 (MIC-1)-52dB input2 (MIC-2)-52dB input3 (MIC-3)-52dB
Music sources	DVD / 47Ω /200mV, TUNER / 22KΩ / 100mV, REC out / 600Ω / 350mV
Output impedance	4.8Ω 100V
T.H.D	less than 1%
Power supply	AC115V/230V 50/60Hz, DC12V
Dimensions(WxDxH)	380 x 310 x 115 mm
Weight	6.5kgs

SB52304
40W public address amplifier W/USB & SD card port
· LED level meter
· Separate bass and treble tone control
· MP3 player
· AC / DC 12V



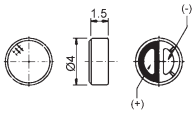
Power output	40W(RMS) 80W(Max.)
Frequency response	50-15000Hz
Inputs	input1 (MIC-1)-52dB input2 (MIC-2)-52dB input3 (MIC-3)-52dB
Music sources	DVD / 47Ω /200mV, TUNER / 22KΩ / 100mV, MP3 in / 22KΩ / 100mV, REC out / 600Ω / 350mV
Output impedance	4.8Ω 100V
T.H.D	less than 1%
Power supply	AC115V/230V 50/60Hz, DC12V
Dimensions(WxDxH)	380 x 310 x 115 mm
Weight	6.5kgs

SB52306
20W public address amplifier
· Easy use and service
· LED power indicator
· AC / DC 12V

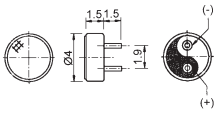


Power output	20W(RMS)
Frequency response	100-20000Hz
Inputs	input1(MIC-1)-54dB ± 3 input2(MIC-2)-54dB ± 3 input3(A U X)-20dB ± 3
Output impedance	4Ω~16Ω
T.H.D	less than 1%
Power supply	AC115V/230V 50/60Hz, DC12V
Dimensions(WxDxH)	240 x 220 x 78 mm
Weight	2kgs

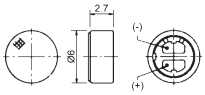
SF53500
Electret condenser microphone
◎ Sensitivity : -46 ± 3dB
◎ Omnidirectional
◎ 4.0Ø x 1.5mm
◎ Solder type

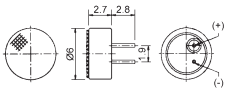
SF53501
Electret condenser microphone
◎ Sensitivity : -46 ± 3dB
◎ Omnidirectional
◎ 4.0Ø x 1.5mm
◎ Pin type

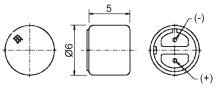
SF53510
Electret condenser microphone
◎ Sensitivity : -42 ± 3dB
◎ Omnidirectional
◎ 6.0Ø x 2.7mm
◎ Solder type

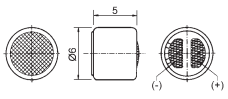
SF53511
Electret condenser microphone
◎ Sensitivity : -42 ± 3dB
◎ Omnidirectional
◎ 6.0Ø x 2.7mm
◎ Pin type

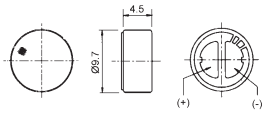
SF53513
Electret condenser microphone
◎ Sensitivity : -44 ± 3dB
◎ Omnidirectional
◎ 6.0Ø x 5.0mm
◎ Solder type

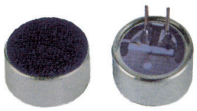
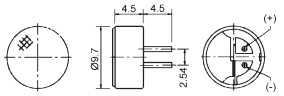
SF53515
Electret condenser microphone
◎ Sensitivity : -47 ± 3dB
◎ Unidirectional
◎ 6.0Ø x 5.0mm
◎ Solder type

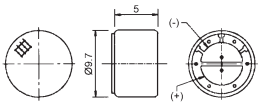
SF53520
Electret condenser microphone
◎ Sensitivity : -42 ± 3dB
◎ Omnidirectional
◎ 9.7Ø x 4.5mm
◎ Solder type

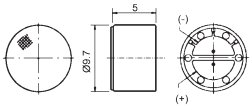
SF53521
Electret condenser microphone
◎ Sensitivity : -42 ± 2dB
◎ Omnidirectional
◎ 9.7Ø x 4.5mm
◎ Pin type

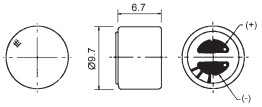
SF53522
Electret condenser microphone
◎ Sensitivity : -47 ± 3dB
◎ Unidirectional
◎ 9.7Ø x 5.0mm
◎ Solder type

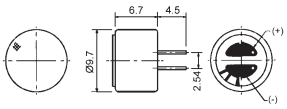
SF53523
Electret condenser microphone
◎ Sensitivity : -54 ± 3dB
◎ Noise Cancelling
◎ 9.7Ø x 5.0mm
◎ Solder type

SF53524
Electret condenser microphone
◎ Sensitivity : -39 ± 2dB
◎ Omnidirectional
◎ 9.7Ø x 6.7mm
◎ Solder type

SF53525
Electret condenser microphone
◎ Sensitivity : -44 ± 3dB
◎ Omnidirectional
◎ 9.7Ø x 6.7mm
◎ Pin type

SF5400
Mylar speaker
◎ 0.15-0.015W/8Ω
◎ (3/4)"
◎ 180Hz
◎ fo-15000Hz



SF5401
Mylar speaker
◎ 0.2-0.03W/8Ω
◎ 1"
◎ 170Hz
◎ fo-20000Hz



SF5402
Mylar speaker
◎ 0.2-0.1W/8Ω
◎ (1 1/8)"
◎ 570Hz
◎ fo-5000Hz



SF5403
Mylar speaker
◎ 0.2-0.1W/8Ω
◎ (1 1/2)"
◎ 500Hz
◎ fo-5000Hz



SF54400
Piezoelectric ceramic speaker
◎ 6.5V
◎ 24.6 x 16.3 x 1.5 mm
◎ 92dB
◎ 850Hz
◎ 830nF



SF54402
Piezoelectric ceramic speaker
◎ 6.5V
◎ 26.4 x 23 x 1.65 mm
◎ 95dB
◎ 850Hz
◎ 950nF



SF54404
Piezoelectric ceramic speaker
◎ 6.5V
◎ 29.9 x 15 x 1.5 mm
◎ 93dB
◎ 800Hz
◎ 910nF



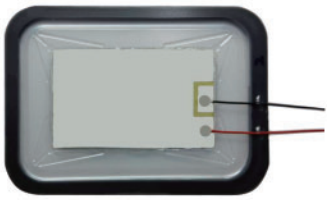
SF54406
Piezoelectric ceramic speaker
◎ 6.5V
◎ 44 x 14.9 x 1.6 mm
◎ 95dB
◎ 800Hz
◎ 1400nF



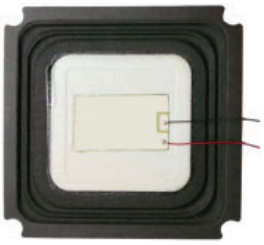
SF54420
Piezoelectric ceramic speaker
◎ 3.5-7V
◎ 45 x 23 x 1.6 mm
◎ 79dB ± 5dB
◎ 350Hz-20KHz
◎ 1.1μF ± 20%



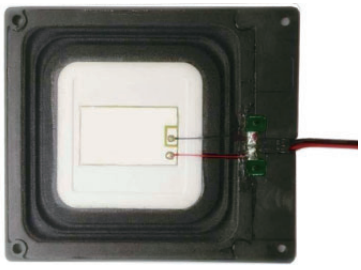
SF54422
Piezoelectric ceramic speaker
◎ 3.5-7V
◎ 48 x 34 x 1.7 mm
◎ 80dB ± 5dB
◎ 280Hz-20KHz
◎ 1.5μF ± 20%



SF54424
Piezoelectric ceramic speaker
◎ 3.5-7V
◎ 76 x 76 x 1.55 mm
◎ 80dB ± 5dB
◎ 400Hz-20KHz
◎ 1.15μF ± 20%



SF54426
Piezoelectric ceramic speaker
◎ 3.5-7V
◎ 90 x 78.3 x 3 mm
◎ 83dB ± 5dB
◎ 400Hz-20KHz
◎ 1.15μF ± 20%



SF54500
Square speaker
◎ 2-1.5W/8Ω
◎ 18 x 18 x 9.8 mm
◎ 70dB(1.0W/0.1m) ± 3dB
at AVE. 0.6K~1.2KHz
◎ 91dB(1.5W/0.1m) ± 3dB



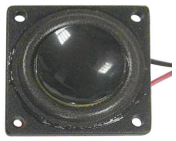
SF54502
Oval speaker
◎ 1-0.7W/8Ω
◎ 20 x 14 x 4.2 mm
◎ 88dB(0.1W/0.1m) ± 3dB
at AVE. 1K~2KHz
◎ 95dB(0.7W/0.1m) ± 3dB



SF54504
Rectangular speaker
◎ 0.5-0.25W/8Ω
◎ 25 x 15 x 5 mm
◎ 77dB(W/ m) ± 3dB
at AVE. 1K~1.8KHz
◎ 90dB(0.25W/0.1m) ± 3dB



SF54506
Square speaker
◎ 3-2W/8Ω
◎ 28 x 28 x 15.2 mm
◎ 72dB(W/ m) ± 3dB
at AVE. 0.8K~1.6KHz
◎ 95dB(2W/0.1m) ± 3dB



SF54508
Square speaker
◎ 3-2W/8Ω
◎ 32 x 32 x 16 mm
◎ 78dB(0.1W/1m) ± 3dB
at AVE. 0.6K~1.2KHz
◎ 92dB(1W/0.1m) ± 3dB



SF54510
Rectangular speaker
◎ 2-1W/8Ω
◎ 35 x 20 x 8.2 mm
◎ 79dB(W/ m) ± 3dB
at AVE. 0.8K~1.5KHz
◎ 98dB(1W/0.1m) ± 3dB



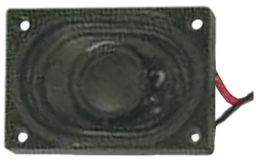
SF54512
Rectangular speaker
◎ 2-1W/4Ω
◎ 35.2 x 16.2 x 5.8 mm
◎ 78dB(1W/1m) ± 3dB
at AVE. 0.8K~1.6KHz
◎ 97dB(1W/0.1m) ± 3dB



SF54514
Rectangular speaker
◎ 3-2W/8Ω
◎ 40 x 20 x 5.8 mm
◎ 74dB(W/ m) ± 3dB
at AVE. 0.8K~1.5KHz
◎ 97dB(2W/0.1m) ± 3dB



SF54516
Rectangular speaker
◎ 4-2W/8Ω
◎ 40 x 28.3 x 11.5 mm
◎ 78dB(W/ m) ± 3dB
at AVE. 0.8K~1.5KHz
◎ 101dB(2W/0.1m) ± 3dB



SF54518
Rectangular speaker
◎ 1.5-1W/8Ω
◎ 50 x 30 x 11.8 mm
◎ 85dB(1W/0.5m) ± 3dB
at AVE. 0.8K~1.6KHz
◎ 99dB(1W/0.1m) ± 3dB



SF54520
Rectangular speaker
◎ 3-2W/8Ω
◎ 70 x 30 x 23 mm
◎ 80dB(W/ m) ± 3dB
at AVE. 0.6K~1.6KHz
◎ 103dB(2W/0.1m) ± 3dB



SF54522
Rectangular speaker
◎ 8-5W/8Ω
◎ 90 x 50 x 40 mm
◎ 89dB(1W/0.3m) ± 3dB
at AVE. 0.6K~1.2KHz
◎ 99dB(1W/0.1m) ± 3dB



SF5600
Combination speaker Alum. type
◎ 15W/8Ω
◎ 214 x 146 x 203mm
◎ 360-7500Hz
◎ 1010gm



SF5601
Combination speaker Alum. type
◎ 25W/8Ω
◎ 270 x 165 x 245mm
◎ 300-7000Hz
◎ 1200gm



SF5602
Combination speaker Alum. type
◎ 10W/8Ω
◎ 133Ø x 122mm
◎ 500-7800Hz
◎ 450gm



SF5603
Combination speaker Alum. type
◎ 15W/8Ω
◎ 158Ø x 148mm
◎ 440-8000Hz
◎ 920gm



SF5604
Combination speaker Alum. type
◎ 15W/8Ω
◎ 206Ø x 202mm
◎ 350-7000Hz
◎ 1020gm



SF5605
Combination speaker Alum. type
◎ 25W/8Ω
◎ 263Ø x 245mm
◎ 300-7000Hz
◎ 1225gm



SF5606
Combination speaker Alum. type
◎ 40W/8Ω
◎ 310Ø x 278mm
◎ 240-6800Hz
◎ 1700gm



SF5607
Combination speaker Alum. type
◎ 40W/8Ω
◎ 380Ø x 340mm
◎ 200-6000Hz
◎ 2150gm



SF5615
Combination speaker plastic type
◎ 10W/8Ω
◎ 137Ø x 125mm
◎ 600-8000Hz
◎ 520gm



SF5616
Combination speaker plastic type
◎ 10W/8Ω
◎ 131Ø x 145mm
◎ 580-6000Hz
◎ 460gm



SF5617
Combination speaker plastic type
◎ 20W/8Ω
◎ 200 x 117 x 235mm
◎ 400-9000Hz
◎ 1170gm



SF5624
Combination speaker W/matching transformer (Alum. type)
◎ 5W/8Ω
◎ 133Ø x 175mm
◎ 8/5K/10KΩ
◎ 920gm



SF5625
Combination speaker W/matching transformer (Alum. type)
◎ 10W/8Ω
◎ 153Ø x 242mm
◎ 8/1K/2K/4K/8KΩ
◎ 1300gm



SF5626
Combination speaker W/matching transformer (Alum. type)
◎ 15W/8Ω
◎ 210Ø x 280mm
◎ 8/670/IK/1.33K/2KΩ
◎ 1500gm



SF5627
Combination speaker W/matching transformer (Alum. type)
◎ 25W/16Ω
◎ 305Ø x 350mm
◎ 16/400/500/670/1KΩ
◎ 2170gm



SF5635
Driver unit
◎ 35W/16Ω
◎ 110Ø x 116mm
◎ 180-5000Hz
◎ 1350gm



SF5636
Driver unit
◎ 60W/16Ω
◎ 115Ø x 113mm
◎ 200-4000Hz
◎ 1800gm



SF5637
Driver unit
◎ 75W/16Ω
◎ 115Ø x 116mm
◎ 250-6000Hz
◎ 2100gm



SF5638
Driver unit
◎ 100W/16Ω
◎ 125Ø x 125mm
◎ 300-6000Hz
◎ 2500gm



SF5645
Trumpet horn (Alum. type)
◎ 360Ø x 270mm
◎ 1750gm



SF5646
Trumpet horn (Alum. type)
◎ 410Ø x 306mm
◎ 2000gm



SF5647
Trumpet horn (Alum. type)
◎ 510Ø x 370mm
◎ 2350gm



SF5663B
Siren speaker (plastic type)
◎ 10W
◎ 12V DC/500mA
◎ 133Ø x 153mm
◎ 500gm
◎ 140-160 CYC/Min.



SF5664B
Siren speaker (plastic type)
◎ 10W
◎ 12V DC/500mA
◎ 89Ø x 145mm
◎ 490gm
◎ 140-160 CYC/Min.



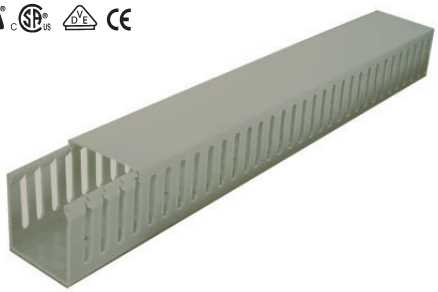
SF5666A /B /C
Transistor megaphone
◎ 197Ø x 343mm
◎ 10W-16W
◎ 9V DC (6PCS UM-2 dry cell)
◎ Battery life : 6Hrs
◎ Approx. : 300M
◎ 1.3kgs
A : Megaphone only
B : Megaphone with siren
C : Megaphone with whistle

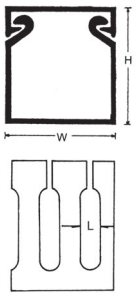


SF5667A /B /C
Transistor megaphone
◎ 197Ø x 343mm
◎ 10W-16W
◎ 9V DC (6PCS UM-2 dry cell)
◎ Battery life : 6Hrs
◎ Approx. : 300M
◎ 1.4kgs
A : Megaphone only
B : Megaphone with siren
C : Megaphone with whistle



Slotted wiring duct
Length: 2 M

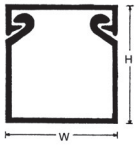




Item No.	Slot (L)	W x H	Wires to be contained
SG5680A	4 mm	25 x 40	20~25 pcs
SG5680C		33 x 40	40~45 pcs
SG5680E		40 x 40	60~70 pcs
SG5680G		40 x 60	100~115 pcs
SG5680J		60 x 60	120~135 pcs
SG5680M	8 mm	25 x 40	20~25 pcs
SG5680P		33 x 40	40~45 pcs
SG5680R		40 x 40	60~70 pcs
SG5680T		40 x 60	100~115 pcs
SG5680V		60 x 60	120~135 pcs

Solid wiring duct
Length : 2 M

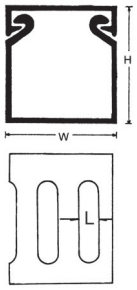




Item No.	Slot (L)	W x H	Wires to be contained
SG5682A	none	25 x 40	20~25 pcs
SG5682C		25 x 50	20~30 pcs
SG5682E		33 x 40	40~45 pcs
SG5682G		40 x 40	60~70 pcs
SG5682J		40 x 60	100~115 pcs
SG5682L		45 x 45	60~70 pcs
SG5682N		45 x 65	110~120 pcs
SG5682Q		50 x 50	80~90 pcs
SG5682S		50 x 75	180~200 pcs
SG5682U		60 x 60	120~135 pcs

Closed slot wiring duct
Length : 2 M





Item No.	Slot (L)	W x H	Wires to be contained
SG5684A	8 mm	25 x 30	15~25 pcs
SG5684C		25 x 60	40~45 pcs
SG5684E		40 x 40	60~70 pcs
SG5684G		40 x 60	100~115 pcs
SG5684J		40 x 80	120~135 pcs
SG5684L		50 x 50	80~90 pcs
SG5684N		60 x 60	120~135 pcs
SG5684Q		60 x 80	180~210 pcs

Telephone wiring duct
Backed with high quality self-adhesive tape
Length : 1 M
Color : gray, milk, white, brown, coffee

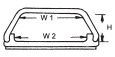




SG5686A~SG5686G



SG5686J~SG5686N

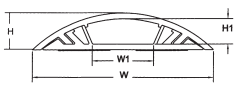


SG5686Q

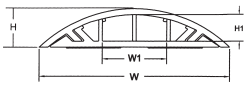
Item No.	W1 x W2 x H	Wires to be contained
SG5686A	6 x 7 x 4	1 pcs
SG5686C	6 x 8 x 7.4	1~2 pcs
SG5686E	8 x 8 x 6	2~3 pcs
SG5686G	10 x 10 x 7	3~4 pcs
SG5686J	12 x 15 x 10	4~7 pcs
SG5686L	10 x 17 x 13	7~9 pcs
SG5686N	11 x 19 x 16	10~15 pcs
SG5686Q	30 x 37 x 16	30~40 pcs

Round wiring duct
Backed with dual high quality self-adhesive tape
Length : 1 M
Color : gray, coffee, milk





SG5688A~SG5688J



SG5688L~SG5688Q

Item No.	W x W1 x H x H1
SG5688A	20 x 8 x 6 x 4
SG5688C	30 x 11 x 8 x 6
SG5688E	40 x 16 x 9.5x 7
SG5688G	50 x 20 x 11 x 8
SG5688J	60 x 30 x 13 x 9
SG5688L	70 x 40 x 15 x 10
SG5688N	90 x 45 x 19 x 15
SG5688Q	120 x 70 x 25 x 21

Solid wiring duct connectors

Mid-way



Item No.	Used for
SG5682G1	SG5682G
SG5682Q1	SG5682Q

T type



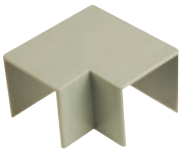
Item No.	Used for
SG5682G4	SG5682G
SG5682Q4	SG5682Q

Outside corner



Item No.	Used for
SG5682G2	SG5682G
SG5682Q2	SG5682Q

L type



Item No.	Used for
SG5682G5	SG5682G
SG5682Q5	SG5682Q

Inside corner



Item No.	Used for
SG5682G3	SG5682G
SG5682Q3	SG5682Q

End piece



Item No.	Used for
SG5682G6	SG5682G
SG5682Q6	SG5682Q

Telephone wiring duct connectors

Mid-way



Item No.	Used for
SG5686E1	SG5686E
SG5686G1	SG5686G
SG5686J1	SG5686J
SG5686L1	SG5686L
SG5686N1	SG5686N

T type



Item No.	Used for
SG5686E4	SG5686E
SG5686G4	SG5686G
SG5686J4	SG5686J
SG5686L4	SG5686L
SG5686N4	SG5686N

Outside corner



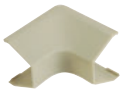
Item No.	Used for
SG5686E2	SG5686E
SG5686G2	SG5686G
SG5686J2	SG5686J
SG5686L2	SG5686L
SG5686N2	SG5686N

L type



Item No.	Used for
SG5686E5	SG5686E
SG5686G5	SG5686G
SG5686J5	SG5686J
SG5686L5	SG5686L
SG5686N5	SG5686N

Inside corner



Item No.	Used for
SG5686E3	SG5686E
SG5686G3	SG5686G
SG5686J3	SG5686J
SG5686L3	SG5686L
SG5686N3	SG5686N

End piece



Item No.	Used for
SG5686E6	SG5686E
SG5686G6	SG5686G
SG5686J6	SG5686J
SG5686L6	SG5686L
SG5686N6	SG5686N

Round wiring duct connectors

Mid-way



Item No.	Used for
SG5688A1	SG5688A
SG5688C1	SG5688C
SG5688E1	SG5688E
SG5688G1	SG5688G
SG5688J1	SG5688J
SG5688L1	SG5688L
SG5688N1	SG5688N
SG5688Q1	SG5688Q

T type



Item No.	Used for
SG5688A4	SG5688A
SG5688C4	SG5688C
SG5688E4	SG5688E
SG5688G4	SG5688G
SG5688J4	SG5688J
SG5688L4	SG5688L
SG5688N4	SG5688N
SG5688Q4	SG5688Q

Outside corner



Item No.	Used for
SG5688A2	SG5688A
SG5688C2	SG5688C
SG5688E2	SG5688E
SG5688G2	SG5688G
SG5688J2	SG5688J
SG5688L2	SG5688L
SG5688N2	SG5688N
SG5688Q2	SG5688Q

L type



Item No.	Used for
SG5688A5	SG5688A
SG5688C5	SG5688C
SG5688E5	SG5688E
SG5688G5	SG5688G
SG5688J5	SG5688J
SG5688L5	SG5688L
SG5688N5	SG5688N
SG5688Q5	SG5688Q

Inside corner



Item No.	Used for
SG5688A3	SG5688A
SG5688C3	SG5688C
SG5688E3	SG5688E
SG5688G3	SG5688G
SG5688J3	SG5688J
SG5688L3	SG5688L
SG5688N3	SG5688N
SG5688Q3	SG5688Q

End piece

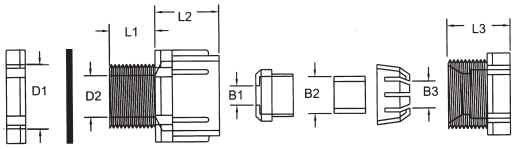


Item No.	Used for
SG5688A6	SG5688A
SG5688C6	SG5688C
SG5688E6	SG5688E
SG5688G6	SG5688G
SG5688J6	SG5688J
SG5688L6	SG5688L
SG5688N6	SG5688N
SG5688Q6	SG5688Q

Metric thread nylon cable gland

· Material : UL approved nylon 66, 94V-2
· Good insulation, waterproof and impact resistant



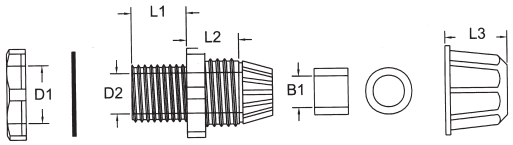


Item No.	D1	D2	B1	B2	B3	L1	L2	L3	Cable range	Package
SG56900A	16	10.5		7	10	12	17	16.5	5~10	50pcs
SG56900B	20	13.7		9	13	13	19	19.5	6~13	
SG56900C	25	18.5		11	17	13	22	21	10~18	
SG56900D	32	25.0		15	20	15	24.5	24.5	16~22	25pcs
SG56900E	40	32.0	22	27	31	21	26.5	27.5	20~27	10pcs
SG56900F	50	41.5	32	36	41	23	30	31	30~41	
SG56900G	63	53.2	43	43	51	25	33	33	40~53	

Metric thread nylon cable gland

· Material : UL approved nylon 66, 94V-2
· Good insulation, waterproof & dustproof degree IP68
· Color : bule, red, black, white



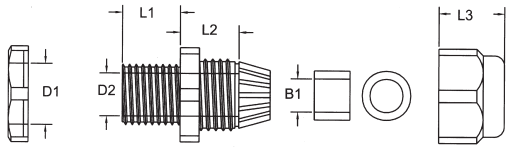


Item No.	D1	D2	B1	L1	L2	L3	Cable range	Package
SG56903A	12	8.3	5.0	7.9	12.1	13.3	3~6.5	50pcs
SG56903B	16	10.9	9.6	14.4	14.4	16.7	5~10	
SG56903C	20	14.8	12.9	12.8	19.5	18.4	10~14	
SG56903D	25	18.6	16.4	14.5	18.7	22.3	13~18	
SG56903E	32	26.0	23.4	14.7	20.3	26.2	18~25	25pcs
SG56903F	40	31.4	30.6	17.7	23.4	31.9	22~32	10pcs
SG56903G	50	41.2	38.2	17.3	25.7	31.6	30~38	
SG56903H	63	54.1	42.4	18.6	26.2	32.6	34~44	

PG thread nylon cable gland (W/O washer)

· Material : UL approved nylon 66, 94V-2
· Good insulation, waterproof & dustproof degree IP68
· Color : black, white



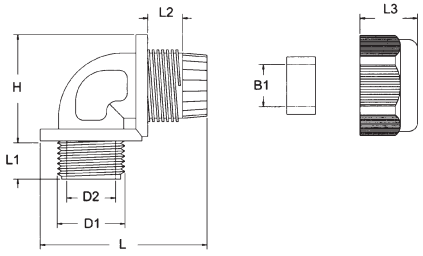


Item No.	D1	D2	B1	L1	L2	L3	Cable range	Package
SG56905A	11.7	8.0	6.0	8.0	12.8	13.4	3.5~6	50pcs
SG56905B	14.3	9.9	7.0	8.1	13.9	15.2	4~8	
SG56905C	17.3	13.2	9.6	8.2	15.4	18.3	5~10	
SG56905D	19.3	15.2	11.7	8.9	15.8	18.9	6~12	
SG56905E	21.3	17.2	12.9	8.9	17.3	19.7	10~14	
SG56905F	27.0	22.4	16.5	10.8	18.6	23.9	13~18	
SG56905G	35.6	30.6	23.3	10.9	20.5	27.4	18~25	25pcs
SG56905H	44.9	35.2	33.3	14.4	24.4	30.5	22~32	10pcs
SG56905J	50.7	39.3	39.6	14.6	25.4	31.6	30~38	
SG56905K	56.3	45.4	45.1	15.8	25.2	31.3	34~44	

Right angle npt thread nylon cable gland (W/O washer)

· Material : UL approved nylon 66, 94V-2
· Waterproof & dustproof degree IP68



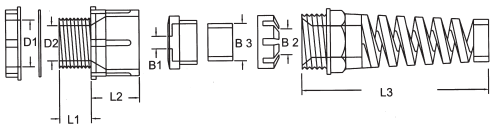


Item No.	D1	D2	L	H	B1	L1	L2	L3	Cable range	Package
SG56907A	16.6	12.0	48.5	30.0	9.3	11.7	9.85	16.7	5~9	20pcs
SG56907B	21.0	14.0	51.6	31.2	13.0	14.7	11.75	18.4	10~13	
SG56907C	26.3	19.2	64.5	41.6	16.4	14.8	12.55	22.3	13~16	
SG56907D	41.7	31.6	85.0	53.0	29.3	18.8	16.25	31.0	22~29	10pcs

Strain relief nylon cable gland

· Material : UL approved nylon 66, 94V-2



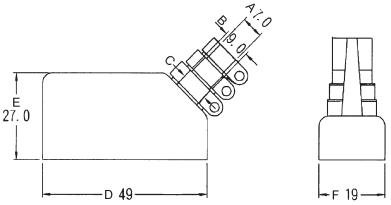


Item No.	D1	D2	B1	B2	B3	L1	L2	L3	Cable range	Package
SG56955A	16	10.9	4.8	7	10	12	17	62	5~10	50pcs
SG56955B	20	14.1	5.1	9	13	13	19	78	6~13	

Micro switch cover

· Material : soft P.V.C.
· Designed to protect micro switch applied on machinery
also prevent cables from breakage



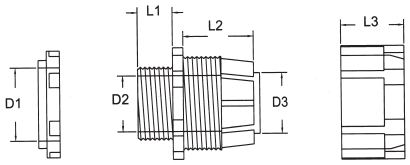


Item No.	Angle	AØ	BØ	CØ	D	E	F	Package
SG56960A	90°	7	9	-	49	27	19	50pcs
SG56960B	45°	7	9	11	49	27	19	

Flexible conduit adaptor

· Material : UL approved nylon 66, 94V-2
· Constructed of three parts to fix flexible conduit in control panel, machinery and instruments
· Waterproof & dustproof degree IP55



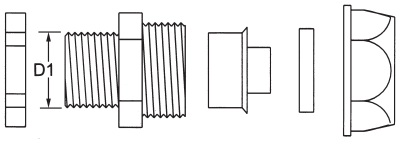


Item No.	D1	D2	D3	L1	L2	L3	Conduit suitable	Package
SG56970A	17.2	11.0	13.8	11.0	19	16	3/8"	50pcs
SG56970B	20.6	14.8	17.2	11.0	19	16	1/2"	25pcs
SG56970C	24.0	17.7	20.3	12.5	25	20	3/4"	
SG56970D	32.5	25.8	28.7	12.5	25	21	1"	
SG56970E	38.7	31.5	35.0	12.5	25	21	1 1/4"	

Flexible metal conduit adaptor

· Material : ABS



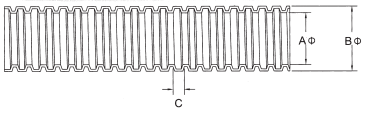


Item No.	D1	Conduit suitable	Package
SG56971A	21.7	1/2"	50pcs
SG56971B	27.2	3/4"	
SG56971C	34	1"	25pcs
SG56971D	42.7	1 1/4"	

Flexible conduit

· Material : PE



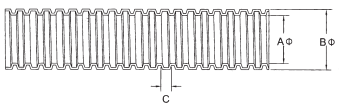


Item No.	A	B	C	Conduit suitable	Package
SG56980A	13.8	17.5	3.1	3/8"	100M
SG56980C	17.2	22.0	3.1	1/2"	
SG56980E	21.2	25.8	3.1	3/4"	
SG56980G	28.7	34.0	3.1	1"	50M
SG56980J	34.9	42.0	3.1	1 1/4"	

Flexible conduit

· Material : P.P.



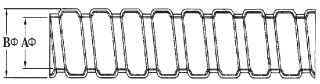


Item No.	A	B	C	Package
SG56981A	7.4	10.2	2.6	300M
SG56981B	10.7	16.0	3.3	200M
SG56981C	13.8	17.5	3.1	200M
SG56981D	15.0	19.5	3.5	100M
SG56981E	19.3	23.8	3.5	100M
SG56981F	21.2	25.8	3.1	100M
SG56981G	24.3	32.0	3.61	50M
SG56981H	25.0	30.0	4.1	50M
SG56981J	28.0	34.0	3.1	50M
SG56981K	31.2	40.0	4.12	50M
SG56981L	39.6	50.0	4.85	50M
SG56981M	52.0	60.0	5.8	50M
SG56981N	62.0	76.0	5.8	50M
SG56981P	80.0	89.0	5.8	50M

Metal flexible conduit

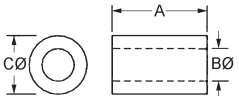
· Material : iron slice + PVC shield





Item No.	A	B	Package
SG56982A	10	14.4	50M
SG56982B	12.8	17.5	
SG56982C	16	20.8	
SG56982D	20.2	25.5	
SG56982E	26.2	32.4	
SG56982F	32.5	39	25M
SG56982G	39.3	46.2	
SG56982H	51.3	59.5	
SG56982J	62.9	72.2	10M
SG56982K	77.5	88.9	
SG56982L	101.6	113.9	

Round spacer support (1000 pcs/bag)



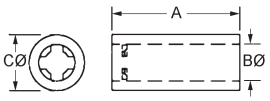
Unit:mm

Item No.	A	B	C
SG57000A	1.6	0.7	2.0
SG57000B	2.1	2.1	2.4
SG57000C	2.3	2.73	4.3
SG57000D	2.5	3.2	4.2
SG57000E	3.0	3.2	5.8
SG57000F	4.45	3.2	6.4

Item No.	A	B	C
SG57000G	6.4	3.2	6.4
SG57000H	10.0	3.73	6.35
SG57000J	10.5	4.3	5.8
SG57000K	11.0	4.5	7.0
SG57000L	11.5	4.9	7.94
SG57000M	12.7	5.1	9.5

Round spacer support (2000 pcs/bag)





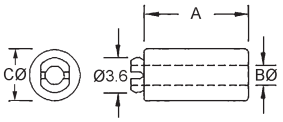
Unit:mm

Item No.	A	B	C
SG57001A	3.0	3.6	5.5
SG57001B	3.5	3.6	5.5
SG57001C	4.0	3.6	5.5
SG57001D	5.0	3.6	5.5
SG57001E	10.0	3.6	5.5

Item No.	A	B	C
SG57001F	5.0	4.7	7.0
SG57001G	10.0	4.7	7.0
SG57001H	14.0	4.7	7.0
SG57001J	20.0	4.7	7.0
SG57001K	30.0	4.7	7.0

Round spacer support (1000 pcs/bag)



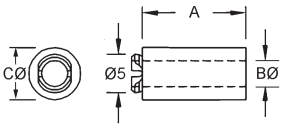


Unit:mm

Item No.	A	B	C
SG57002	13.0	2.1	5.6

Round spacer support (1000 pcs/bag)





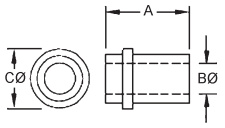
Unit:mm

Item No.	A	B	C
SG57003A	2.5	3.5	7.0
SG57003B	3.0	3.5	7.0
SG57003C	4.0	3.5	7.0
SG57003D	5.0	3.5	7.0
SG57003E	6.0	3.5	7.0

Item No.	A	B	C
SG57003F	7.0	3.5	7.0
SG57003G	8.0	3.5	7.0
SG57003H	9.0	3.5	7.0
SG57003J	10.0	3.5	7.0
SG57003K	22.0	3.5	7.0

Round spacer support (1000 pcs/bag)

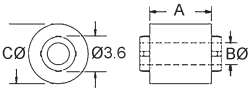




Unit:mm

Item No.	A	B	C
SG57004	12.7	4.8	9.0

Round spacer support (1000 pcs/bag)

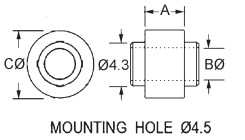


Unit:mm

Item No.	A	B	C
SG57005	6.2	2.2	6.0

Round spacer support (1000 pcs/bag)



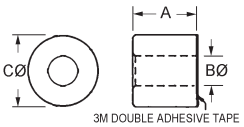


Unit:mm

Item No.	A	B	C
SG57006A	2.7	3.2	6.6
SG57006B	2.9	3.2	6.6
SG57006C	3.85	3.2	6.6

Round spacer support with adhesive tape (1000 pcs/bag)



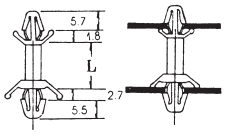


Unit:mm

Item No.	A	B	C
SG57007	13.0	6.1	14.7

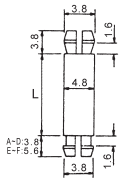
SG5701A /B /C /D /E /F
Locking circuit board support (100 pcs/bag)
A : 4.8mm
B : 6.4mm
C : 9.4mm
D :12.7mm
E :15.9mm
F :19.1mm





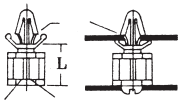
SG5702A /B /C /D /E /F
Miniature support post (100 pcs/bag)
A : 3.2mm
B : 6.3mm
C : 8.0mm
D :10.5mm
E :12.7mm
F :15.9mm





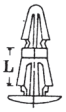
SG5703A /B /C /D
Screw fastened circuit board support (100 pcs/bag)
A : 5.0mm
B : 9.6mm
C :12.7mm
D :19.1mm





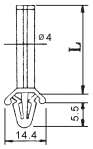
SG5704A /B /C /D /E /F
Locking circuit board support (100 pcs/bag)
A : 6.1mm
B : 8.0mm
C : 9.8mm
D :12.0mm
E :14.0mm
F :18.0mm





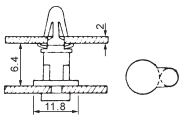
SG5705A /B /C /D /E /F
Push spacer (100 pcs/bag)
A : 4.8mm
B : 6.4mm
C : 9.6mm
D :12.7mm
E :15.9mm
F :19.1mm



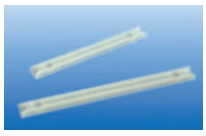


SG5706
Slide secure circuit board support (100 pcs/bag)





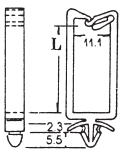
SG5707A /B /C /D
Circuit board track (100 pcs/bag)
A : 89mm
B :119mm
C :140mm
D :160mm





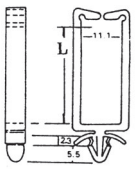
SG5711A /B /C /D
Locking wire saddle (100 pcs/bag)
A : 4.0mm
B :10.5mm
C :19.0mm
D :28.0mm





SG5712A /B /C /D
Locking wire saddle (100 pcs/bag)
A : 2.8mm
B : 8.6mm
C :18.2mm
D :26.2mm





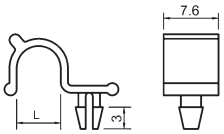
SG5714A /B /C /D
Twist tie (100 pcs/bag)
A : 5.1mm
B : 8.0mm
C :11.3mm
D :15.0mm





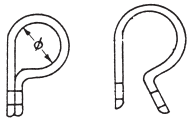
SG5715A /B
Cable mount (2000 pcs/bag)
Mounting hole 3.2Ø
Thickness 1.6mm
A :4.8mm
B :6.1mm





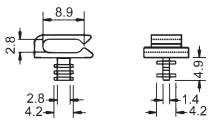
SG5717A /B /C /D /E /F /G /H
Cable clamp (100 pcs/bag)
A : 3.2mm
B : 4.8mm
C : 6.3mm
D : 7.9mm
E : 9.5mm
F :12.7mm
G :15.8mm
H :19.4mm





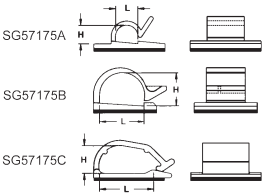
SG57173
Wire clip (100 pcs/bag)





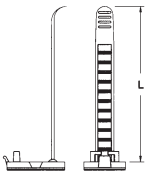
SG57175A /B /C
Self-adhesive cable clip (100 pcs/bag)
A : 5.9 x 4.9mm
B :17.8 x 13.3mm
C :22.2 x 11.1mm



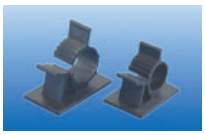


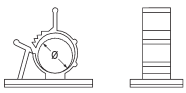
SG57183A /B /C
Adjustable cable clamp (100 pcs/bag)
Max. bundle Dia.
A : 17mm, L= 70mm
B : 22mm, L= 90mm
C : 26mm, L=108mm





SG5718A /B /C
Adjustable cable clamp (100 pcs/bag)
A : 7.9-10.3mm
B :10.0-12.5mm
C :12.6-15.4mm

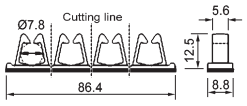




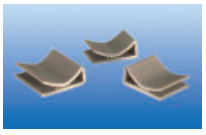
SG57185
Multiple wire clip (20 pcs/bag)
Max. bundle Dia. 7.8mm

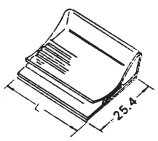


Break into pieces needed along the cutting line

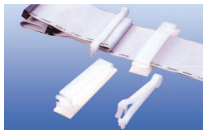


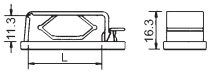
SG5719A /B /C
Flat cable clamp (100 pcs/bag)
A :15mm
B :20mm
C :25mm



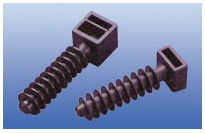


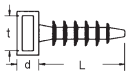
SG5720A /B /C
Flat cable clamp (100 pcs/bag)
A :31.8mm
B :54.0mm
C :65.0mm





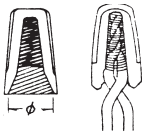
SG57295A /B /C
Wall plug mount (100 pcs/bag)
A :24.4 x 6.1 x t5.8mm
B :24.7 x 6.3 x t9.9mm
C :37.5 x 6.3 x t9.7mm



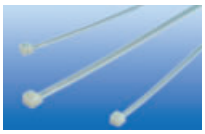


SG5723A /B /C
Screw on wire connector (100 pcs/bag)
A :6.7mm grey
B :7.0mm blue
C :9.9mm orange





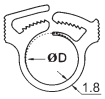
SG5730A /B /C
Nylon cable tie
(1000 pcs/bag)
A : 80mm
B :100mm
C :150mm





SG5725A /B
Snap clamp (100 pcs/bag)
A :11.9~13.5mm
B :13.5~15.1mm

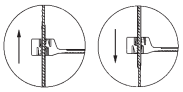




SG57305
Two way cable tie
(100 pcs/bag)
Special design allows tie to insert from either side of the head to lock.



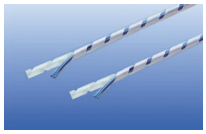
Both sides insertable

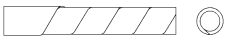


200mm

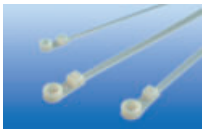


SG5726A /B /C /D /E /F /G
Spiral wrapping band (10M/bag)
wrapping range
A : 1.5~10mm
B : 4.0~25mm
C : 6.0~30mm
D : 7.5~30mm
E : 9.0~32mm
F :12.0~35mm
G :15.0~50mm



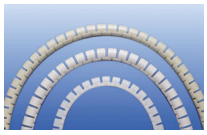


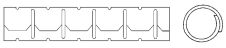
SG5731A /B /C
Mounting cable tie
(100 pcs/bag)
A :100mm
B :155mm
C :200mm



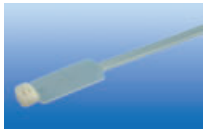


SG5727A /B /C /D /E
Slit wrapping band (5M/bag)
wrapping range
A :10mm
B :16mm
C :22mm
D :27mm
E :35mm





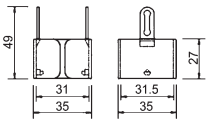
SG5733A /B
Marker tie
(100 pcs/bag)
A :100mm
B :200mm





SG57275
Modular cable holder (15pcs/box)
Color : black white brown
yellow blue silver



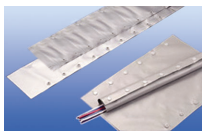


SG5734A /B
Releasable cable tie
(100 pcs/bag)
A :125mm
B :150mm



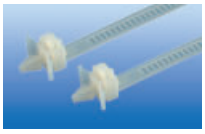


SG5728A /B /C /D
Wrapping band (55M/1reel)
Max. bundle Dia.
A :25mm
B :30mm
C :40mm
D :44mm

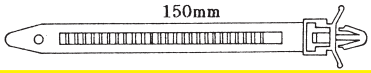




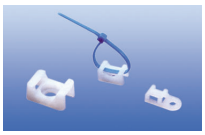
SG5735
Push mount
collect tie
(100 pcs/bag)



150mm

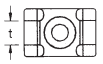


SG57290A /B /C
Saddle type tie mount (100 pcs/bag)
A :t5.2mm, hole=3.7ømm
B :t5.1mm, hole=3.5ømm
C :t9.0mm, hole=6.3ømm





SG57290A

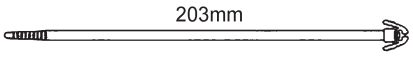


SG57290B /C

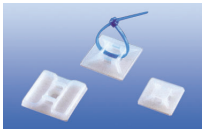
SG5737
Releasable cable tie
(100pcs/bag)

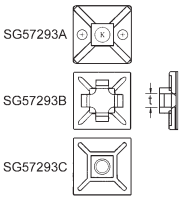


203mm

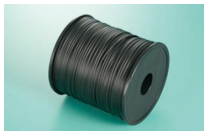


SG57293A /B /C
Self-adhesive tie mount (100 pcs/bag)
A :t4.6mm, hole=3.2ømm
B :t4.8mm, without hole
C :t5.5mm, hole=5.0ømm





SG57385
Twist tie (400M/reel)
Color : black white



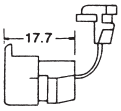
SG5739A /B /C /D /E
Slit wrapping band installation tool (10 pcs/bag)
A : 8mm for SG5727A
B :15mm for SG5727B
C :22mm for SG5727C
D :26mm for SG5727D
E :32mm for SG5727E



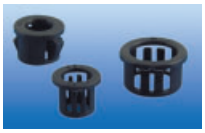
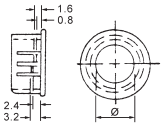

SG5740A /B /C /D /E /F
Strain relief bushing (100 pcs/bag)
wires accommodated
A : 2.3 x 4.5mm~2.8 x 5.3mm
B : 3.0 x 5.6mm
C : 5.0 x 10.4mm
D : 6.2Ø ~ 7.4Ø
E : 7.4Ø ~ 8.2Ø
F : 8.2Ø ~ 9.2Ø



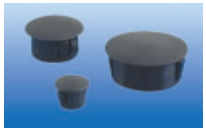
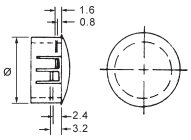

SG5742
Right angle strain relief bushing (100 pcs/bag)
wires accommodated
(3.0 x 5.6mm~
3.8 x 7.1mm)

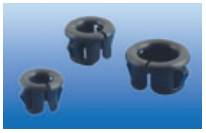
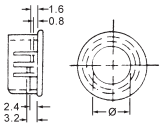
SG5743A /B /C /D
Snap bushing (100 pcs/bag)
A : 5.1mm
B : 6.4mm
C : 8.0mm
D :12.7mm

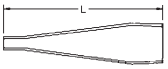
SG5744A /B /C /D /E /F
Hole plug (100 pcs/bag)
mounting hole
A : 7.8mm
B : 9.5mm
C :12.7mm
D :15.9mm
E :19.0mm
F :22.2mm

SG5745A /B /C
Snap bushing open/closed (100 pcs/bag)
A : 6.0mm
B : 7.5mm
C :11.2mm

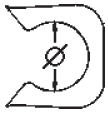
SG5748A /B /C /D /E
Tube of alligator clip (100 pcs/bag)
A : 35mm
B : 42mm
C : 50mm
D : 68mm
E : 80mm
Color : red, white, yellow,
blue, black, green

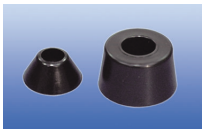
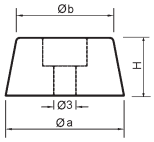
SG5750A /B /C /D
EC type cable marker
suitable wires
A : 2.0~ 3.2mm(1Kpcs/1reel)
B : 3.0~ 4.2mm(1Kpcs/1reel)
C : 3.6~ 7.4mm(500pcs/1reel)
D : 5.2~10.0mm(200pcs/1reel)
Mark : W/0.1.2....9,
A.B.C....Z, +.-.



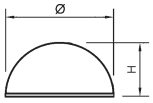

SG5753A /B /C /D /E /F
CM type cable marker (100 pcs/bag)
suitable wires
A : 3.0mm
B : 3.2mm
C : 3.6mm
D : 4.2mm
E : 5.1mm
F : 6.2mm
Mark : W/0.1.2....9,A.B.C....Z,+.-.

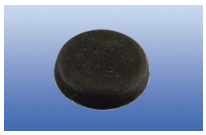
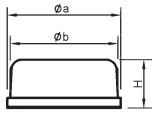
SG57550A /B /C
Screw on plastic foot (1000 pcs/bag)
A :14.8ø x 8.0ø x 7.0mm
B :20.2ø x 18.4ø x 8.0mm
C :20.0ø x 15.0ø x 10.5mm

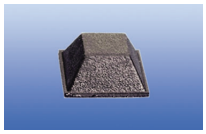
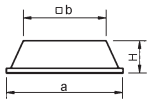
SG57551A /B
Self-adhesive rubber foot (1000 pcs/bag)
A : 11.3ø x 5.6mm
B : 15.9ø x 8.0mm

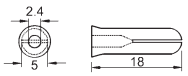
SG57552A /B /C
Self-adhesive rubber foot (2000 pcs/bag)
A : 10.0ø x 9.5ø x 4.2mm
B : 12.7ø x 10.0ø x 3.8mm
C : 19.0ø x 15.8ø x 4.2mm

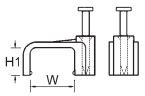
SG57553A /B /C
Self-adhesive rubber foot (1500 pcs/bag)
A : 12.7 x 9.0 x 3.5mm
B : 12.7 x 7.0 x 6.0mm
C : 20.0 x 14.0 x 7.6mm

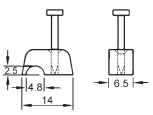
SG57570
Wall plug (100 pcs/bag)

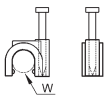
SG57575A /B /C /D /E /F
Nail flat cable clip (100 pcs/bag)
A : 5.5 x 3.1mm
B : 6.4 x 4.1mm
C : 8.0 x 5.0mm
D : 8.5 x 5.2mm
E :10.0 x 6.5mm
F :13.5 x 8.1mm

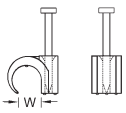
SG57578
Nail telephone cable clip (100 pcs/bag)

SG57579A /B /C /D /E /F /G
Nail cable clip (100 pcs/bag)
A : 5.0mm
B : 6.0mm
C : 9.0mm
D :10.0mm
E :11.0mm
F :12.0mm
G :14.0mm

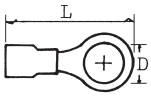



SG57580A /B /C
Nail cable clip (100 pcs/bag)
A : 5 ~ 7mm
B : 8 ~ 10mm
C :11 ~ 15mm

Vinyl insulated ring terminals

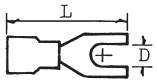




Item No.	Color	D	L	Pcs/bag	Wire range
SG57600	red	3.2	16.7	1000	22 - 16 AWG 0.5 - 1.5 mm²
SG57603	red	4.3	21.0	1000	
SG57604	red	5.3	21.0	1000	
SG57608	blue	4.3	22.0	1000	16 - 14 AWG 1.5 - 2.5 mm²
SG57609	blue	5.3	21.8	1000	
SG57610	blue	6.5	27.0	1000	
SG57611	blue	8.4	27.0	1000	
SG57613	yellow	4.3	25.5	500	12 - 10 AWG 4.0 - 6.0 mm²
SG57614	yellow	5.3	25.5	500	
SG57615	yellow	6.5	29.0	500	
SG57616	yellow	8.4	33.7	500	
SG57617	yellow	10.5	33.7	500	

Vinyl insulated spade terminals

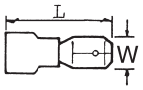




Item No.	Color	D	L	Pcs/bag	Wire range
SG57621	red	3.7	20.6	1000	22-16 AWG 0.5-1.5 mm²
SG57622	red	4.3	21.0	1000	
SG57625	red	5.3	21.0	1000	
SG57627	blue	3.7	21.0	1000	16-14 AWG 1.5-2.5 mm²
SG57628	blue	4.3	21.2	1000	
SG57631	blue	5.3	22.0	1000	
SG57632	blue	6.5	22.0	1000	
SG57633	yellow	4.3	25.2	500	12-10 AWG 4.0-6.0 mm²
SG57634	yellow	5.3	25.2	500	

Vinyl insulated male disconnects

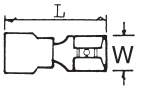




Item No.	Color	W x T x L	Pcs/bag	Wire range
SG57641	red	2.8 x 0.5 x 19.2	1000	22-16 AWG
SG57642	blue	4.8 x 0.5 x 19.2	1000	16-14 AWG
SG57643	yellow	6.4 x 0.8 x 23.2	500	12-10 AWG

Vinyl insulated female disconnects

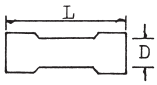




Item No.	Color	W x T x L	Pcs/bag	Wire range
SG57644	red	3.2 x 0.5 x 18.5	1000	22-16 AWG
SG57648	blue	5.0 x 0.5 x 19.0	1000	16-14 AWG
SG57650	yellow	6.6 x 0.8 x 23.5	500	12-10 AWG

Vinyl insulated butt connectors

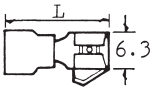




Item No.	Color	D	L	Pcs/bag	Wire range
SG57661	red	4.1	26.0	1000	22-16 AWG
SG57662	blue	4.5	26.0	1000	16-14 AWG
SG57663	yellow	6.5	26.0	500	12-10 AWG

Piggy back disconnects

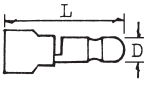




Item No.	Color	W x T x L	Pcs/bag	Wire range
SG57671	red	6.4 x 0.8 x 22.0	1000	22-16 AWG
SG57672	blue	6.4 x 0.8 x 22.0	1000	16-14 AWG
SG57673	yellow	6.4 x 0.8 x 23.5	500	12-10 AWG

Vinyl insulated bullet male

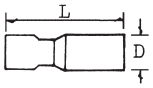




Item No.	Color	D	L	Pcs/bag	Wire range
SG57681	red	4.0	21.0	1000	22-16 AWG
SG57682	blue	5.0	21.0	1000	16-14 AWG
SG57683	yellow	5.0	23.0	500	12-10 AWG

Vinyl insulated bullet female





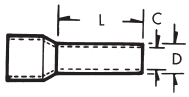
Item No.	Color	D	L	Pcs/bag	Wire range
SG57685	red	4.0	23.0	1000	22-16 AWG
SG57686	blue	5.0	25.0	1000	16-14 AWG
SG57687	yellow	5.0	25.0	500	12-10 AWG

Nylon cord end terminals

SG57701 x

- F : french color
- G: german color
- D: din color
- Item No.

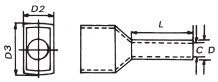




Item No.	French color	German color	Din color	Pcs/bag	L	C	D	Wire mm2
SG57701	violet	light blue		1000	8	0.8	1.1	0.25
SG57703	pink	turquoise		1000	8	0.8	1.1	0.34
SG57705	white	orange	white	1000	8	1.0	1.3	0.5
SG57707	blue	white	gray	1000	8	1.2	1.5	0.75
SG57710	red	yellow	red	1000	8	1.4	1.7	1.0
SG57712	black	red	black	1000	8	1.7	2.0	1.5
SG57715	gray	blue	blue	1000	8	2.3	2.6	2.5
SG57719	orange	gray	gray	1000	12	2.8	3.2	4.0
SG57721	green	black	yellow	1000	12	3.5	3.9	6.0
SG57723	brown	ivory	red	1000	12	4.5	4.9	10.0
SG57725	ivory	green	blue	1000	12	5.8	6.2	16.0
SG57727	black	brown	yellow	1000	16	7.5	7.9	25.0

Nylon twin cord end terminals

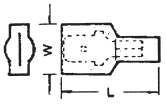




Item No.	Color	Pcs/bag	L	C	D	D2	D3
SG57731	white	1000	8	1.5	1.8	3.6	5.6
SG57732	gray	1000	8	1.8	2.1	3.5	6.2
SG57733	red	1000	8	2.0	2.3	4.0	6.0
SG57734	gray	1000	10	1.8	2.1	3.5	6.2
SG57735	red	1000	10	2.0	2.3	4.0	6.0

Fully nylon insulated male disconnects

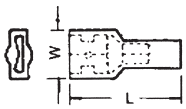




Item No.	Color	W x T x L	Pcs/bag	Wire range
SG57741	red	6.3 x 0.8 x 24.5	500	22-16 AWG
SG57742	blue	6.3 x 0.8 x 24.5	500	16-14 AWG
SG57743	yellow	6.3 x 0.8 x 24.5	500	12-10 AWG

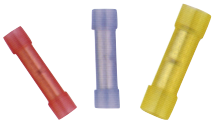
Fully nylon insulated female disconnects

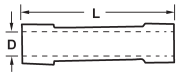




Item No.	Color	W x T x L	Pcs/bag	Wire range
SG57744	red	7.4 x 0.45 x 23.2	1000	22-16 AWG
SG57748	blue	7.4 x 0.45 x 22.0	1000	16-14 AWG
SG57750	yellow	7.4 x 0.45 x 23.2	500	12-10 AWG

Fully nylon insulated flared butt connectors

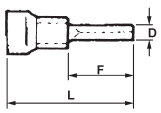




Item No.	Color	D	L	Pcs/bag	Wire range
SG57761	red	1.7	24.2	1000	22-16 AWG
SG57762	blue	2.3	24.2	1000	16-14 AWG
SG57763	yellow	3.4	28.2	1000	12-10 AWG

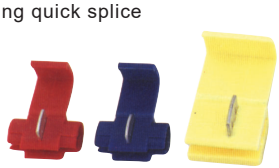
Vinyl pin terminals

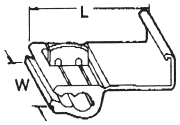




Item No.	Color	D	F	L	Pcs/bag	Wire range
SG57771	red	1.9	12	22.0	1000	22-16 AWG
SG57772	blue	1.9	12	22.0	1000	16-14 AWG
SG57773	yellow	2.8	13	25.5	1000	12-10 AWG

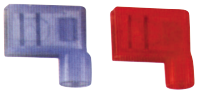
Stripping quick splice

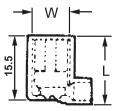




Item No.	Color	W	L	Pcs/bag	Wire range
SG57781	red	20.0	22.0	500	22-18 AWG
SG57782	blue	20.0	24.0	500	16-14 AWG
SG57783	yellow	21.0	32.0	200	12-10 AWG

Flag female disconnects

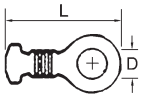




Item No.	Color	W	L	Pcs/bag	Wire range
SG57785	red	7.6	16	1000	22-16 AWG
SG57786	blue	7.6	16	1000	16-14 AWG

Non-insulated ring terminals

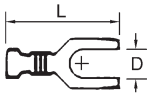




Item No.	D	T	L	Pcs/bag	Wire range
SG57800	3.2	0.4	12.3	1000	22 - 16 AWG 0.3 - 1.4 mm²
SG57801	4.3	0.4	16.0	1000	
SG57802	5.4	0.4	19.1	5000	

Non-insulated spade terminals

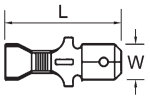




Item No.	D	T	L	Pcs/bag	Wire range
SG57811	3.2	0.5	17.0	7500	22 - 16 AWG 0.3 - 1.4 mm²
SG57812	3.7	0.5	17.3	7500	
SG57813	4.3	0.5	18.5	5000	

Non-insulated male disconnects

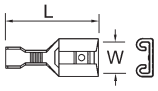




Item No.	W x T x L	Pcs/bag	Wire range
SG57821	2.8 x 0.5 x 16.0	10000	20-16 AWG
SG57822	4.9 x 0.5 x 17.2	10000	22-18 AWG
SG57823	6.3 x 0.8 x 20.0	1000	16-14 AWG

Non-insulated female disconnects

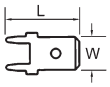




Item No.	W x T x L	Pcs/bag	Wire range
SG57831	3.2 x 0.5 x 16.0	1000	22-18 AWG
SG57832	5.0 x 0.5 x 15.5	1000	22-18 AWG
SG57833	6.6 x 0.8 x 19.0	1000	16-14 AWG

Male faston terminals

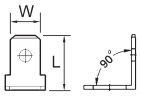




Item No.	W x T x L	Pcs/bag
SG57841	2.80 x 0.5 x 13.8	1000
SG57842	4.75 x 0.5 x 13.3	1000
SG57843	6.35 x 0.8 x 14.0	1000

Male faston terminals

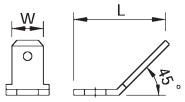




Item No.	W x T x L	Pcs/bag
SG57851	2.80 x 0.5 x 7.1	1000
SG57852	4.75 x 0.5 x 10.9	1000
SG57853	6.35 x 0.8 x 11.6	1000

Male faston terminals

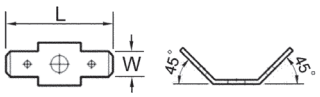




Item No.	W x T x L	Pcs/bag
SG57857	4.75 x 0.5 x 15.5	1000
SG57858	6.35 x 0.8 x 17.5	1000

Male faston terminals

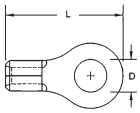




Item No.	W x T x L	Pcs/bag
SG57871	6.35 x 0.8 x 26.5	1000

Non-insulated ring terminals (tin plated)

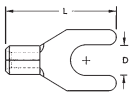




Item No.		D	L	Pcs/bag	Wire range
BUTTED SEAM	BRAZED SEAM				
SG57900	SG57900B	3.2	12.5	1000	22 - 16 AWG 0.5 - 1.5 mm²
SG57903	SG57903B	4.3	15.8	1000	
SG57904	SG57904B	5.3	15.8	1000	
SG57908	SG57908B	4.3	16.5	1000	16 - 14 AWG 1.5 - 2.5 mm²
SG57909	SG57909B	5.3	16.5	1000	
SG57910	SG57910B	6.4	21.8	1000	
SG57911	SG57911B	8.4	21.8	1000	
SG57913	SG57913B	4.3	19.0	1000	12 - 10 AWG 4.0 - 6.0 mm²
SG57914	SG57914B	5.3	19.0	1000	
SG57915	SG57915B	6.4	22.5	1000	
SG57916	SG57916B	8.4	26.8	1000	
SG57917	SG57917B	10.5	26.8	1000	

Non-insulated spade terminals (tin plated)

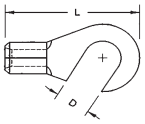




Item No.		D	L	Pcs/bag	Wire range
BUTTED SEAM	BRAZED SEAM				
SG57921	SG57921B	3.7	16.0	1000	22 - 16 AWG 0.5 - 1.5 mm²
SG57922	SG57922B	4.3	16.0	1000	
SG57925	SG57925B	5.3	16.0	1000	
SG57927	SG57927B	3.7	16.0	1000	16 - 14 AWG 1.5 - 2.5 mm²
SG57928	SG57928B	4.3	16.0	1000	
SG57931	SG57931B	5.3	16.0	1000	
SG57932	SG57932B	6.4	16.0	1000	
SG57933	SG57933B	4.3	18.3	1000	12 - 10 AWG 4.0 - 6.0 mm²
SG57934	SG57934B	5.3	18.3	1000	

Non-insulated hook terminals (tin plated)

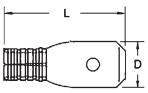




Item No.		D	L	Pcs/bag	Wire range
BUTTED SEAM	BRAZED SEAM				
SG57941	SG57941B	3.7	15.8	1000	22 - 16 AWG
SG57942	SG57942B	5.3	16.8	1000	16 - 14 AWG
SG57943	SG57943B	6.4	22.5	1000	12 - 10 AWG

Non-insulated male disconnects (tin plated)

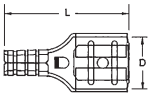




Item No.	D	L	Pcs/bag	Wire range
SG57951	6.4	16.4	1000	22 - 16 AWG
SG57952	6.3	16.4	1000	16 - 14 AWG
SG57953	6.4	17.0	1000	12 - 10 AWG

Non-insulated female disconnects (tin plated)

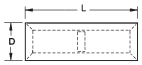




Item No.	D	L	Pcs/bag	Wire range
SG57956	3.2	13.6	1000	22 - 16 AWG
SG57957	5.0	13.8	1000	16 - 14 AWG
SG57958	6.6	16.3	1000	12 - 10 AWG

Non-insulated butt connectors (tin plated)

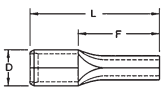




Item No.	D	L	Pcs/bag	Wire range
SG57961	3.3	15.0	1000	22 - 16 AWG
SG57962	3.9	15.0	1000	16 - 14 AWG
SG57963	5.4	15.0	1000	12 - 10 AWG

Non-insulated pin terminals (tin plated)

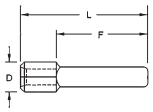




Item No.		D	F	L	Pcs/bag	Wire range
BUTTED SEAM	BRAZED SEAM					
SG57971	SG57971B	3.3	12	16.8	1000	22 - 16 AWG
SG57972	SG57972B	3.9	12	16.8	1000	16 - 14 AWG
SG57973	SG57973B	5.4	14	20.0	1000	12 - 10 AWG

Non-insulated blade terminals (tin plated)



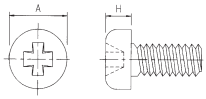


Item No.		D	F	L	Pcs/bag	Wire range
BUTTED SEAM	BRAZED SEAM					
SG57981	SG57981B	3.0	13	17.8	1000	22 - 16 AWG
SG57982	SG57982B	3.0	13	17.8	1000	16 - 14 AWG
SG57983	SG57983B	4.0	14	20.0	1000	12 - 10 AWG

Plastic phillips pan head screws



Thread size	A	H
M2.6 x 0.45	4.5	1.6
M3 x 0.5	5.5	2.0
M4 x 0.7	7.0	2.8



Unit:mm

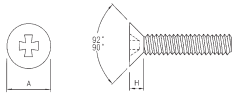
Item No.	Description
SG58000	M2.6x0.45x6
SG58001	M2.6x0.45x8
SG58002	M2.6x0.45x10
SG58004	M3x0.5x6
SG58005	M3x0.5x8
SG58006	M3x0.5x10
SG58007	M3x0.5x12
SG58008	M3x0.5x15

Item No.	Description
SG58009	M3x0.5x18
SG58010	M3x0.5x20
SG58013	M4x0.7x8
SG58014	M4x0.7x10
SG58015	M4x0.7x12
SG58016	M4x0.7x14
SG58017	M4x0.7x16
SG58018	M4x0.7x20

Plastic phillips flat head screws



Thread size	A	H
M3 x 0.5	5.6	1.65
M4 x 0.7	7.5	2.2



Unit:mm

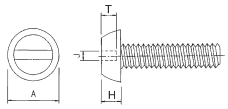
Item No.	Description
SG58050	M3x0.5x6
SG58051	M3x0.5x8
SG58052	M3x0.5x10
SG58053	M3x0.5x12
SG58054	M3x0.5x15
SG58055	M4x0.7x7

Item No.	Description
SG58056	M4x0.7x10
SG58057	M4x0.7x12
SG58058	M4x0.7x14
SG58059	M4x0.7x16
SG58060	M4x0.7x20

Plastic slotted head screws



Thread size	A	H	J	T
M3 x 0.5	5.5	1.8	0.9	0.9
M4 x 0.7	6.9	2.5	1.4	1.4

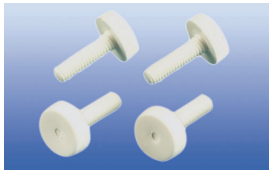


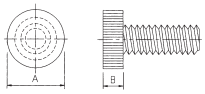
Unit:mm

Item No.	Description
SG58101	M3x0.5x6
SG58102	M3x0.5x8
SG58103	M3x0.5x10
SG58104	M3x0.5x12
SG58105	M3x0.5x15
SG58106	M3x0.5x20

Item No.	Description
SG58107	M4x0.7x8
SG58108	M4x0.7x10
SG58109	M4x0.7x12
SG58110	M4x0.7x14
SG58111	M4x0.7x16
SG58112	M4x0.7x20

Plastic knurled thumb screws

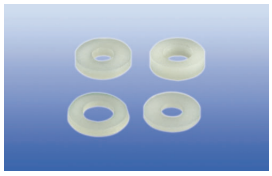


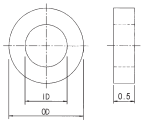


Unit:mm

Item No.	Description	A	B
SG58125	M5 x 12	10.6	3.5
SG58126	M4 x 14	10.6	3.5

Plastic washers



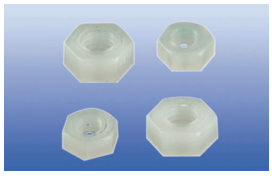


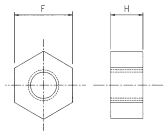
Unit:mm

Item No.	OD	ID
SG58206	4.8	2.6
SG58212	6.0	3.1
SG58213	6.0	3.2
SG58214	6.0	3.3
SG58225	7.0	4.1

Item No.	OD	ID
SG58226	7.2	4.1
SG58228	8.0	3.1
SG58230	8.0	4.1
SG58231	8.0	4.3

Plastic HEX nuts



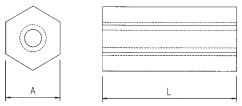


Unit:mm

Item No.	Description	F	H
SG58300	M3 x 0.5	5.6	2.4
SG58301	M4 x 0.7	7.0	3.2

Plastic HEX tapped spacers



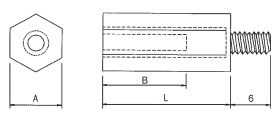


Unit:mm

Item No.	Tapped	A	L
SG58350	M3	5.6	6
SG58351	M3	5.6	8
SG58352	M3	5.6	10
SG58353	M3	5.6	12
SG58354	M3	5.6	15
SG58358	M3	5.6	20
SG58360	M3	5.6	25
SG58361	M3	5.6	30

Plastic male-female threaded spacers





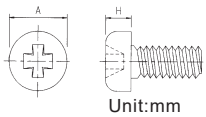
Unit:mm

Item No.	Tapped	A	B	L
SG58400	M3	5.5	4	6
SG58401	M3	5.5	6	8
SG58402	M3	5.5	6	10
SG58403	M3	5.5	6	12
SG58404	M3	5.5	6	15
SG58406	M3	5.5	6	20
SG58408	M3	5.5	6	25
SG58409	M3	5.5	6	30

Phillips pan head screws



Thread size	A	H
M2 x 0.4	3.5	1.6
M3 x 0.5	5.0	2.0
M4 x 0.7	6.8	2.5
M5 x 0.8	8.6	3.5



Unit:mm

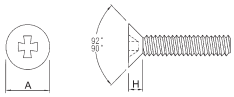
Item No.	Description
SG58800	M2x0.4x4
SG58801	M2x0.4x6
SG88802	M2x0.4x8
SG58805	M2x0.4x15
SG58810	M3x0.5x4
SG58811	M3x0.5x6
SG58812	M3x0.5x8
SG58813	M3x0.5x10
SG58816	M3x0.5x20

Item No.	Description
SG58820	M4x0.7x8
SG58821	M4x0.7x10
SG58822	M4x0.7x12
SG58823	M4x0.7x16
SG58824	M4x0.7x20
SG58830	M5x0.8x10
SG58831	M5x0.8x12
SG58832	M5x0.8x16
SG58833	M5x0.8x20

Phillips flat head screws



Thread size	A	H
M2 x 0.4	3.4	1.30
M3 x 0.5	5.6	1.65



Unit:mm

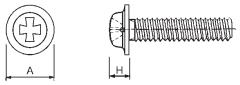
Item No.	Description
SG58850	M2x0.4x6
SG58851	M2x0.4x8
SG58852	M2x0.4x10
SG58858	M3x0.5x6

Item No.	Description
SG58859	M3x0.5x10
SG58860	M3x0.5x12
SG58861	M3x0.5x16
SG58862	M3x0.5x20

Round washer head screws



Thread size	A	H
M3 x 0.5	8	2.5
M4 x 0.7	10	2.5
M5 x 0.8	12	3.2



Unit:mm

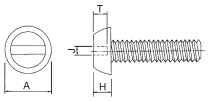
Item No.	Description
SG58870	M3x0.5x4
SG58871	M3x0.5x5
SG58872	M3x0.5x6
SG58873	M3x0.5x8
SG58878	M4x0.7x6

Item No.	Description
SG58879	M4x0.7x8
SG58880	M4x0.7x10
SG58888	M5x0.8x10
SG58889	M5x0.8x12
SG58890	M5x0.8x16

Slotted head screws



Thread size	A	H	J	T
M2 x 0.4	3.8	1.3	0.5	0.60
M3 x 0.5	5.5	2.0	0.8	0.85
M4 x 0.7	7.0	2.6	1.2	1.10



Unit:mm

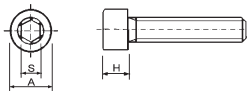
Item No.	Description
SG58900	M2x0.4x6
SG58901	M2x0.4x8
SG58902	M2x0.4x10
SG58908	M3x0.5x6
SG58909	M3x0.5x8

Item No.	Description
SG58910	M3x0.5x10
SG58911	M3x0.5x20
SG58917	M4x0.7x8
SG58918	M4x0.7x10
SG58920	M4x0.7x16

HEX socket head cap screws



Thread size	A	H	S
M3 x 0.5	5.5	3	2.5
M4 x 0.7	7.0	4	3.0



Unit:mm

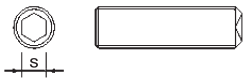
Item No.	Description
SG58930	M3x0.5x6
SG58931	M3x0.5x10
SG58933	M3x0.5x16

Item No.	Description
SG58940	M4x0.7x8
SG58942	M4x0.7x12
SG58944	M4x0.7x20

HEX socket set screws



Thread size	S
M3 x 0.5	1.5
M4 x 0.7	2.0
M5 x 0.8	2.5
M6 x 1.0	3.0



Unit:mm

Item No.	Description
SG58950	M3x0.5x6
SG58952	M3x0.5x12
SG58958	M4x0.7x6
SG58961	M4x0.7x12

Item No.	Description
SG58967	M5x0.8x8
SG58970	M5x0.8x16
SG58976	M6x1.0x10
SG58978	M6x1.0x16

HEX tapped spacers





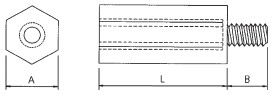
Unit:mm

Item No.	Tapped	A	L
SG58990	M3	5	5
SG58991	M3	5	8
SG58992	M3	5	10
SG58993	M3	5	15
SG58994	M3	5	20
SG58995	M3	5	25

Item No.	Tapped	A	L
SG59000	M4	7	5
SG59002	M4	7	10
SG59003	M4	7	15
SG59004	M4	7	20
SG59006	M4	7	30

Male-female threaded spacers



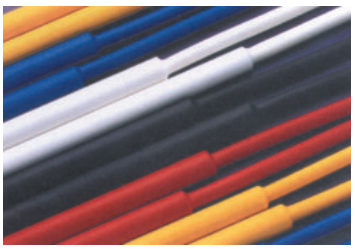


Unit:mm

Item No.	Tapped	A	B	L
SG59020	M3	5	6	5
SG59021	M3	5	6	8
SG59022	M3	5	6	10
SG59023	M3	5	6	15
SG59024	M3	5	6	20
SG59025	M3	5	6	25
SG59030	M4	7	8	5
SG59031	M4	7	8	10
SG59032	M4	7	8	15
SG59033	M4	7	8	20
SG59034	M4	7	8	30

Heat shrinkable tubings
shrinkage ratio 2:1

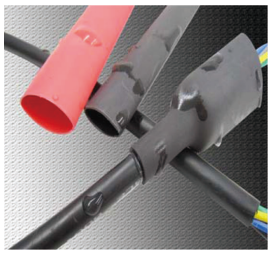
black, brown, red, orange, yellow, green, blue, violet, gray, white



Item No.		As supplied(mm)		After shrinkage(mm)		Length(M) spool
Black Transparent	Other color	Inside diameter (Min.)	Wall thickness (nominal)	Inside diameter (Max.)	Wall thickness (nominal)	
SL7001	SL7001F	1.0	0.20	0.65	0.36	400
SL70015	SL70015F	1.5	0.20	0.85	0.36	400
SL7002	SL7002F	2.0	0.20	1.00	0.45	400
SL70025	SL70025F	2.5	0.20	1.30	0.45	400
SL7003	SL7003F	3.0	0.23	1.50	0.45	400
SL70035	SL70035F	3.5	0.23	1.80	0.45	400
SL7004	SL7004F	4.0	0.25	2.00	0.45	400
SL7005	SL7005F	5.0	0.28	2.50	0.56	200
SL7006	SL7006F	6.0	0.28	3.00	0.56	200
SL7007	SL7007F	7.0	0.30	3.50	0.56	100
SL7008	SL7008F	8.0	0.30	4.00	0.56	100
SL7009	SL7009F	9.0	0.30	4.50	0.56	100
SL7010	SL7010F	10.0	0.30	5.00	0.56	100
SL7011	SL7011F	11.0	0.30	5.50	0.56	100
SL7012	SL7012F	12.0	0.30	6.00	0.56	100
SL7013	SL7013F	13.0	0.35	6.50	0.56	100
SL7014	SL7014F	14.0	0.35	7.00	0.70	100
SL7015	SL7015F	15.0	0.35	7.50	0.70	100
SL7016	SL7016F	16.0	0.35	8.00	0.70	100
SL7018	SL7018F	18.0	0.35	9.00	0.70	100
SL7020	SL7020F	20.0	0.35	10.00	0.83	100

Waterproof heat shrinkable tubings
shrinkage ratio 3:1

black, red



Item No.		As supplied(mm)		After shrinkage(mm)		Length(M) spool
Black	Red	Inside diameter (Min.)	Wall thickness (nominal)	Inside diameter (Max.)	Wall thickness (nominal)	
SL70303	SL70303F	3.2	0.35	1.0	0.95	200
SL70304	SL70304F	4.8	0.40	1.6	1.10	100
SL70306	SL70306F	6.4	0.45	2.2	1.20	100
SL70307	SL70307F	7.9	0.50	2.7	1.35	100
SL70309	SL70309F	9.5	0.50	3.2	1.45	1.22
SL70312	SL70312F	12.7	0.50	4.2	1.70	1.22
SL70315	SL70315F	15.0	0.55	5.2	1.80	1.22
SL70319	SL70319F	19.1	0.55	6.3	2.00	1.22
SL70325	SL70325F	25.4	0.55	8.5	2.10	1.22

Heat shrinkable tubings kit

SL70400 General
SL70402 Waterproof
Length : 4" on each size
Kit size : 22.8 x 12.8 x 3.4 cm

SL70404 General
Length : 6" on each size
Kit size : 27.6x18.8x4.0cm



Item No.	Contains	Quantity	Item No.	Contains	Quantity
SL70400	SL70015 SL70025 SL7003 SL7005 SL7006 SL7010	60pcs 35pcs 25pcs 20pcs 10pcs 10pcs	SL70404	SL7003 SL7005 SL7007 SL70010 SL70013 SL70020	20pcs 15pcs 10pcs 8pcs 4pcs 4pcs
SL70402	SL70304 SL70306 SL70309 SL70312 SL70319 SL70325	7pcs 6pcs 5pcs 4pcs 2pcs 1pcs			

Heat shrinkable tubings kit

SL70408 General
Length : 45mm on each size
Kit size : 26 x 12.3 x 4 cm



Item No.	Contains	Quantity	Color
SL70408	SL7002 SL70035 SL7005 SL7007 SL7008 SL7009 SL7002F SL70035F SL7005F SL7007F SL7008F SL7009F	each 15pcs	black white green red blue yellow green

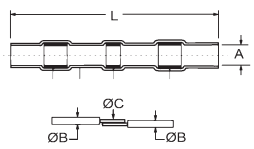
Heat shrinkable tubings kit

SL70412 Waterproof
Kit size : 26 x 12.3 x 4 cm



Item No.	Contains	Quantity	Color	Length
SL70412	SL70303 SL70304 SL70306 SL70309 SL70312 SL70319 SL70325 SL70303F SL70304F SL70306F SL70309F SL70312F SL70319F SL70325F	28pcs 16pcs 7pcs 6pcs 5pcs 3pcs 4pcs 12pcs 8pcs 4pcs 3pcs 3pcs 2pcs 4pcs	black red	45mm 75mm 45mm 75mm

Solder sleeve wire splices 110˚C

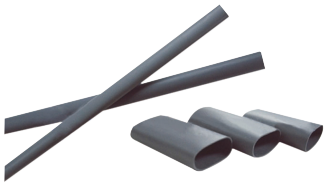




Item No.	A(Min.)	L(Max.)	B(Min.)	B(Max.) C(Max.)	C(Min.)	AWG(mm²)	Color
SL70451	1.7	26	1.0	1.7	0.76	26-24(0.25-0.34)	white
SL70452	2.7	40	1.4	2.7	1.20	22-18(0.5-1.0)	red
SL70453	4.5	40	2.3	4.5	2.00	16-14(1.5-2.5)	blue
SL70454	6.0	40	3.7	6.0	3.40	12-10(4.0-6.0)	yellow

Thermal insulator sleeves
Length : 2M

Features :
insulation, heat sink,
temperature endurance,
flame retardant



Item No.	I.D. (mm)	Thermal conductivity (W/m.k)	Thickness (mm)	Flammability rating	Color
SL70461	10	0.3	0.5	VW-1/UL224	gray
SL70462	12	0.3	0.5	VW-1/UL224	gray
SL70463	14	0.3	0.5	VW-1/UL224	gray
SL70464	16	0.3	0.5	VW-1/UL224	gray

Silicone coated fiberglass sleeves
black red white

Features :
insulation, heat sink,
compression resistance,
heat endurance,
corrosion resistance,
flame retardant



Item No.		Inside diameter (mm)	Wall thickness (mm)	Flammability rating	Length (M)
BK.White	Red				
SL70471	SL70471F	1.0	0.36	VW-1/UL1441	200
SL70472	SL70472F	2.0	0.36	VW-1/UL1441	200
SL70473	SL70473F	3.0	0.36	VW-1/UL1441	100
SL70474	SL70474F	4.0	0.40	VW-1/UL1441	100
SL70475	SL70475F	5.0	0.40	VW-1/UL1441	100
SL70476	SL70476F	6.0	0.40	VW-1/UL1441	100

Thermal insulator sheets
300mm x 50M

Features :
insulation, heat sink,
temperature endurance



Item No.	Thermal conductivity (W/m.k)	Thickness (mm)	Flammability rating	Color
SL70481	0.3	0.30	V-0/UL94	gray
SL70482	0.9	0.30	V-0/UL94	gray
SL70483	1.3	0.23	V-0/UL94	pink

Thermal conductive soft pads
300 x 300mm

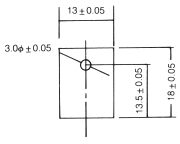
Features :
insulation, heat sink,
anti-shock, adhesive,
high temperature endurance



Item No.	Thermal conductivity (W/m.k)	Thickness (mm)	Flammability rating	Color
SL70491	1.1	0.3	V-0/UL94	gray
SL70492	1.8	0.3	V-0/UL94	pink
SL70493	2.8	0.3	V-0/UL94	gray
SL70494	5.0	0.3	V-0/UL94	dark gray
SL70495	6.0	0.5	V-0/UL94	gray
SL70496	7.0	0.5	V-0/UL94	light gray

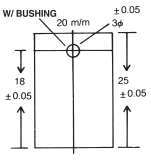
SL7060
Silicon heat sink insulators
(0.3mm)





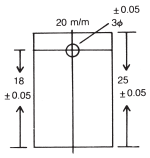
SL7066
Silicon heat sink insulators
(0.3mm) W/bushing





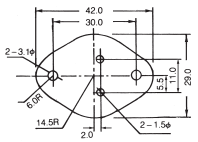
SL7062
Silicon heat sink insulators
(0.3mm)



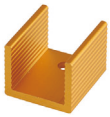


SL7072
Silicon heat sink insulators
(0.3mm)





SL7100
Simple heat sink
20 x 14 x 14mm



SL711025
Simple heat sink
19 x 19 x 9.5mm



SL7103
Simple heat sink
25 x 21 x 23.5mm



SL71103
Simple heat sink
20 x 20 x 15mm



SL7108
Simple heat sink
35 x 23mm



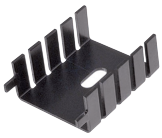
SL71104
Simple heat sink
19 x 12.8 x 12.7mm



SL7109
Simple heat sink
15 x 20 x 5mm



SL71105
Simple heat sink
29.5 x 25.4 x 12.5mm



SL7110
Simple heat sink
30 x 25 x 11mm



SL71110
Simple heat sink
A : 25 x 17 x 13mm
B : 35 x 17 x 13mm



SL71101
Simple heat sink
17 x 13.5 x 9mm



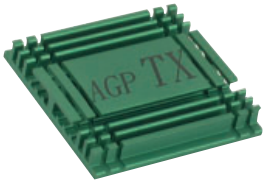
SL7122
Heat sink
28 x 28 x 8mm



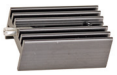
SL71102
Simple heat sink
19 x 13 x 12mm



SL7123
Heat sink (for AGP chip)
35 x 35 x 5.8mm



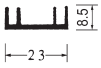
SL7129
H style heat sink
L=25





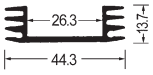
SL7130
Heat sink
L=25





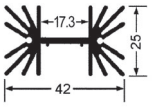
SL7131
Heat sink
L=25





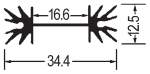
SL71315
H style heat sink
L=25





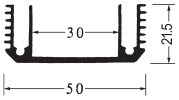
SL71316
H style heat sink
L=50





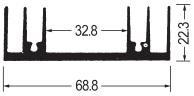
SL7132
Heat sink
L=50



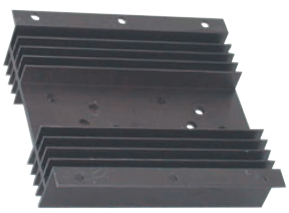


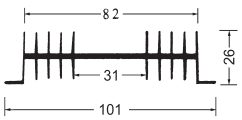
SL7133
Heat sink
L=50





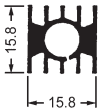
SL7135
H style heat sink
L=100





SL7140
H style heat sink
L=10





SL71409
H style heat sink
L=20





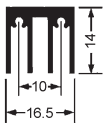
SL7141
H style heat sink
L=25





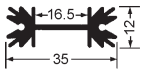
SL71415
Heat sink
L=16





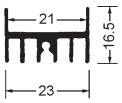
SL71417
H style heat sink
L=24





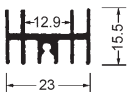
SL7142A /B
H style heat sink
A : L=25
B : L=40





SL71422A /B
H style heat sink
A : L=25
B : L=38





SM72001
Mighty mini fan
8 x 8 x 3 mm
◎ 3V
◎ 13500RPM
◎ 0.17l/min



SM72004
Mighty mini fan
10 x 10 x 3 mm
◎ 3V
◎ 17000RPM
◎ 3.43l/min



SM72006
Mighty mini fan
12 x 12 x 3 mm
◎ 3V
◎ 16500RPM
◎ 5.95l/min



SM72007
Mighty mini fan
15 x 15 x 3 mm
◎ 3V
◎ 14500RPM
◎ 8.75l/min



SM72009
Mighty mini fan
17 x 17 x 3 mm
◎ 3V
◎ 13000RPM
◎ 16.27l/min



SM72021
Mighty mini blower
9 x 9 x 3 mm
◎ 3V
◎ 17400RPM
◎ 1.17l/min



SM72023
Mighty mini blower
12 x 12 x 3 mm
◎ 3V
◎ 15500RPM
◎ 2.67l/min



SM72024
Mighty mini blower
15 x 15 x 3 mm
◎ 3V
◎ 14000RPM
◎ 4.53l/min



SM72025
Mighty mini blower
17 x 17 x 3 mm
◎ 3V
◎ 12500RPM
◎ 6.17l/min



SM72026
Mighty mini blower
30 x 30 x 3 mm
◎ 5V
◎ 9500RPM
◎ 17.84l/min



SM7203D /E
DC cooling fan
52 x 52 x 15 mm
D:12V 5000RPM 12.4CFM
E:12V 3000RPM 15.0CFM
◎ Plastic UL 94V0
◎ Sleeve bearing



SM7204D /E
DC cooling fan
60 x 60 x 15 mm
D:12V 3800RPM 18.0CFM
E:12V 3000RPM 15.0CFM
◎ Plastic UL 94V0
◎ Sleeve bearing



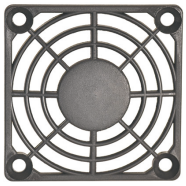
SM7206D /E /F
DC cooling fan
80 x 80 x 25 mm
D:12V 3200RPM 41.0CFM
E:12V 2900RPM 37.0CFM
F:12V 2600RPM 33.0CFM
◎ Plastic UL 94V0
◎ Sleeve bearing



SM7207D /E /F
DC cooling fan
92 x 92 x 25 mm
D:12V 3000RPM 51.5CFM
E:12V 2700RPM 45.0CFM
F:12V 2400RPM 33.0CFM
◎ Plastic UL 94V0
◎ Sleeve bearing



SM7239B /C /D /E
Plastic cooling fan guard
B:for 60 mm
C:for 80 mm
D:for 92 mm
E:for 120 mm

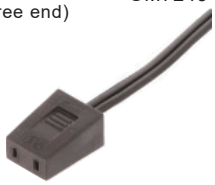


SM7240A /B /C /D /E
Cooling fan guard
A:for 40 mm
B:for 60 mm
C:for 80 mm
D:for 92 mm
E:for 120 mm



SM7245A /B /D /F
SM7247C /D
AC cooling fan power cord (free end)
A: 300 mm
B: 600 mm
C: 900 mm
D:1000 mm
F:2000 mm

SM7245



SM7247



SM72600A /B
Magnetic levitation cooling fan
20 x 20 x 10 mm
A:DC5V 16500RPM 1.9CFM
B:DC5V 14000RPM 1.5CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72602A /B
Magnetic levitation cooling fan
25 x 25 x 10 mm
A:DC5V 13000RPM 3.5CFM
B:DC5V 9800RPM 3.0CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72604A /B
Magnetic levitation cooling fan
30 x 30 x 10 mm
A:DC5V 11000RPM 5.5CFM
B:DC5V 9500RPM 4.7CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72606A /B
Magnetic levitation cooling fan
35 x 35 x 10 mm
A:DC5V 10000RPM 7.2CFM
B:DC5V 7500RPM 6.5CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72608D /E /F
Magnetic levitation cooling fan
40 x 40 x 10 mm
D:DC12V 8500RPM 9.9CFM
E:DC12V 7000RPM 8.0CFM
F:DC12V 5800RPM 7.0CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72612E /F
Magnetic levitation cooling fan
50 x 50 x 10 mm
E:DC12V 5800RPM 13.8CFM
F:DC12V 4800RPM 11.0CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72616D /E /F
Magnetic levitation cooling fan
60 x 60 x 15 mm
D:DC12V 4700RPM 26.4CFM
E:DC12V 3900RPM 22.8CFM
F:DC12V 3000RPM 17.6CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72700A /B /C /D
DC blower
50 x 50 x 15 mm
A:12V 3200RPM 2.6CFM
B:12V 4200RPM 3.5CFM
C:12V 5200RPM 4.5CFM
D:12V 6200RPM 5.4CFM
◎ Plastic UL 94V0
◎ 2 Ball bearing



SM72702A /B /C
DC blower
60 x 60 x 15 mm
A:12V 3600RPM 5.1CFM
B:12V 4000RPM 5.7CFM
C:12V 4500RPM 6.2CFM
◎ Plastic UL 94V0
◎ VAPO bearing



SM72704A /B /C
DC blower
75 x 75 x 30 mm
A:12V 2400RPM 10.8CFM
B:12V 3000RPM 13.8CFM
C:12V 3400RPM 15.5CFM
◎ Plastic UL 94V0
◎ 2 Ball bearing



SM72706A /B /C
DC blower
97 x 94 x 33 mm
A:12V 2700RPM 22.4CFM
B:12V 3200RPM 26.6CFM
C:12V 3600RPM 30.5CFM
◎ Plastic UL 94V0
◎ 2 Ball bearing



SM72708A /B
DC blower
120 x 120 x 32 mm
A:12V 2100RPM 31.4CFM
B:12V 2500RPM 35.9CFM
◎ Plastic UL 94V0
◎ 2 Ball bearing



SM72800A /B
EC cooling fan (energy-saving)
60 x 60 x 25 mm
4100/4200RPM
17.5/18.0CFM
A:100-120VAC 50/60Hz
B:200-240VAC 50/60Hz
◎ Plastic UL 94V0
◎ VAPO bearing



SM72802A /B
EC cooling fan (energy-saving)
70 x 70 x 25 mm
3500/3600RPM
28.0/29.0CFM
A:100-120VAC 50/60Hz
B:200-240VAC 50/60Hz
◎ Plastic UL 94V0
◎ VAPO bearing



SM72804A /B
EC cooling fan (energy-saving)
80 x 80 x 25 mm
3100/3200RPM
40.0/41.0CFM
A:100-120VAC 50/60Hz
B:200-240VAC 50/60Hz
◎ Plastic UL 94V0
◎ VAPO bearing



SM72806A /B
EC cooling fan (energy-saving)
92 x 92 x 25 mm
2800/2900RPM
52.0/54.0CFM
A:100-120VAC 50/60Hz
B:200-240VAC 50/60Hz
◎ Plastic UL 94V0
◎ VAPO bearing



SM72808A /B
EC cooling fan (energy-saving)
120 x 120 x 38 mm
A:100-120VAC 3600RPM 109CFM
B:200-240VAC 3100RPM 90.1CFM
◎ Plastic UL 94V0
◎ 2 Ball bearing



SN7300
Desoldering pump (aluminum / plastic)
Teflon tip



SN7301
Desoldering pump (aluminum / plastic)
Teflon tip



SN7302
Desoldering pump (aluminum)
Teflon tip



SN7303
Desoldering pump (aluminum)
Anti-static tip



SN7304
Mini desoldering pump (plastic)
Teflon tip



SN7306
Anti-static desoldering pump (plastic)
Teflon tip



SN7307
Desoldering pump (plastic)
Teflon tip



SN7309A /C
Electric desoldering tool 30W
(W/ground wire)
A:110V
C:220V



SN7320
Electronic instant ignition
micro torch



SN7324
Gas soldering tool



SN7325
Multipurpose gas soldering tool kit



SN7326
Multipurpose gas soldering tool



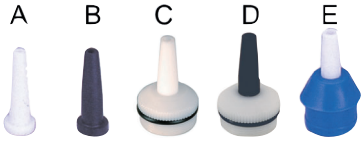
SN7327
Multipurpose gas soldering tool kit



SN7340
Solder paste



SN73400A /B /C /D /E
Desoldering pump tip



SN7341B /C /D
Solder wick
B: 1.5 mm
C: 2.0 mm
D: 3.0 mm



SN7342B Solder pen (SN/PB:60/40) 0.8mm 15g
SN7342C Solder pen (SN/PB:60/40) 1.0mm 15g
SN73425C Solder pen (SN/CU:99.3/0.7) 1.0mm 10g



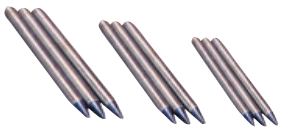
SN73449
Lead free liquid flux
Specific gravity : 0.794 (at 20˚C)
Acid value : 18.5mg KOH/g
Solid content : 3.9%
Flash point : 12˚C



SN7343 B /C/D/F/G/H/K/L/M/Q Solder wire (SN/PB:60/40)
SN73435B /C/D/F/G/H/K/L/M/Q Solder wire (SN/CU:99.3/0.7)
B : 0.5mm 250g
C : 0.5mm 500g
D : 0.5mm 1000g
F : 0.8mm 250g
G : 0.8mm 500g
H : 0.8mm 1000g
K : 1.0mm 250g
L : 1.0mm 500g
M : 1.0mm 1000g
Q : 1.5mm 1000g



SN7345
Soldering tip (long life tip)
It is made of copper mixing with iron
A:25W 3Ømm
B:30W 4Ømm
C:40W 5Ømm
D:60W 6Ømm



SN7344
Solder bar (SN/CU:99.9/0.1)
Weight 1000g



SN7346
Soldering tip
It is made of copper mixing with nickel
A:25W 3Ømm
B:30W 4Ømm
C:40W 5Ømm
D:60W 6Ømm



SN73441 25Ømm Solder ball (SN/PB:60/40)
SN73442 25Ømm Solder ball (SN:99.95)



SN73470 110V
SN73471 220V
Heating element
A:25W 3Ø
B:30W 4Ø
C:40W 5Ø
D:60W 6Ø



SN73443 0.6Ømm BGA sphere (SN/PB:63/37)
SN73444 0.6Ømm BGA sphere (SN/AG/CU:96.5/3/0.5)



SN7348
Mini soldering pot (40Ø x 40mm)
150W/450˚C ~ 480˚C

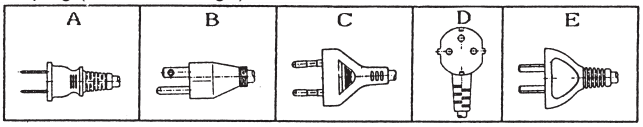


SN7350 x x

- AC plug
- Watts
- Item No.

Item for
SN7309, SN7348~SN7354
SN7358, SN7381, SN7382
SN7388~SN7396

AC plug (note AC voltage)



SN7350
Soldering iron
Bakelite handle
A:25W 4Ø
B:30W 4Ø
C:40W 4Ø
D:60W 6Ø



SN7351
Soldering iron
Ceramic heater
Fiber glass handle
A:25W 4Ø



SN7353
Soldering iron
Bakelite handle with
stainless replaceable
Long life tip : 5Ø
A:25W
B:30W
C:40W
D:60W



SN7354
Soldering iron
Bakelite handle
A:30W 4Ø
B:40W 4Ø



SN7358A /C
Hotfix rhinestone applicator 5W
With six applicator tips 2 3 4 5 6 7mm
A:110V
C:220V



SN7359
Battery powered soldering iron
4.5V 6W (3 x AA batteries)

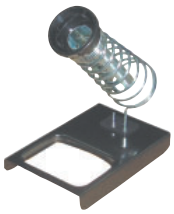


SN7364A /B /C /D
Soldering iron accessories

A B C D



SN7365
Soldering iron stand



SN73651
Soldering iron stand



SN73653
Heavy soldering iron stand



SN73655
Soldering iron stand
W/O soldering iron



SN73661
Solder reel holder
W/O solder wire



SN73662
Solder reel holder



SN7367A /B
Helping hands
With plastic magnifier
Crocodile clips (2")
A:acry
B:glass



SN7379
Glue sticks (Unit : kg)
A:11.2Ø x 300mm
B: 7.5Ø x 100mm

SN7380
Glue sticks set (100mm)
A:11.2Ø x 6pcs
B: 7.5Ø x 12pcs

SN7379 SN7380



SN7381A /C
Hot melt glue gun (7.5Ø)
A: 110V
C: 220V



SN7382A /C
Hot melt glue gun (11.2Ø)
A: 110V
C: 220V



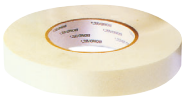
SN7383
Mini battery hot melt glue gun (7~7.5Ø)
including 3 glue sticks
6V (4 x AA batteries)



SN7384A /C
Hot air gun
Versatility of
2 temperature
1500W/300˚C ~ 530˚C
A: 110V
C: 220V



SN73843A /B /C /D
Polyester tape
Length:30M
Thickness:0.05mm
Color:black, red, green,
yellow, gray, blue
Width:
A:15mm
B:19mm
C:25mm
D:38mm



SN73844
PVC electrical insulation tape
Width:19mm
Length: 20M
Color:black
Thickness:0.19mm



SN73845A /B /C /D
Class cloth 180˚C tape
Length:66M
Color:white
Thickness:0.2mm
Width:
A:15mm
B:19mm
C:25mm
D:38mm



SN73846A /B /C /D
Polyimide film 180˚C tape
Color:amber
Thickness:0.055mm
Width :
A: 6mm L=33M
B: 8mm L=33M
C: 10mm L=33M
D: 12mm L=33M
E: 15mm L=33M
F: 20mm L=33M
G: 25mm L=33M
H: 30mm L=33M
J : 40mm L=33M



SN73847A /B /C /D
Polyester double sided tape
Length:22M
Thickness:0.075mm
Color:clear
Width:
A:15mm
B:19mm
C:25mm
D:38mm



SN73848A /B /C /D
Bopp double sided tape
Lenght:22M
Thickness:0.11mm
Color:clear
Width:
A:15mm
B:19mm
C:25mm
D:38mm



SN73850
Anti-static elastic wrist strap
PU coil cord (blue)
A : 6ft
B : 10ft



SN73851
Anti-static velcro wrist strap
PU coil cord (black)
A : 6ft
B : 10ft



SN73852
Anti-static adjustable wrist strap
PU coil cord (blue)
A : 6ft
B : 10ft



SN73853
Anti-static stainless wrist strap
PU coil cord (blue)
A : 6ft
B : 10ft



SN73856
Anti-static adjustable wrist strap
Cordless (blue)



SN73858
Anti-static heel strap



SN738700
Conductive IC foam (50x50cm)



SN738708
Static shielding bag
SN738708 : 7x10cm
SN738709 : 12x20cm
SN738710 : 15x20cm
SN738711 : 15x25cm
SN738712 : 15x30cm
SN738713 : 25x30cm
SN738714 : 25x40cm



SN738720
Static prevention bag
SN738720 : 15x20cm
SN738721 : 15x25cm
SN738722 : 15x30cm
SN738723 : 26x30cm
SN738724 : 26x40cm



SN738740
Anti-statics service kit (60x60cm)



SN738750
Dissipative table mat (10Mx1Mx2mm)
Color : green / black



SN738751
Dissipative floor mat (10Mx1Mx2mm)
Color : black / white



SN738755
Wrist strap tester



Features
·The wrist strap tester is a complete personal ground test system that can verify if the connection is working well when the strap is used. The tester verifies a continuous path between the operators, wrist strap and grounding cord.
·Yellow LED with an audible alarm indicate failed connections (HI Fail). Red LED and an audible alarm indicate low resistance or failed resistor (LO Fail). Green LED indicates properly grounded (OK).

Specification
·Test voltage : 9V
·Accuracy : ±5%
·Operation Temp. : 10˚C ~ 40˚C
·Storage Temp. : -15˚C ~ +60˚C
·Dimension : 90 x 70 x 28 mm
·Weight : 145g

SN738757
Electronic Field meter



Features
·This electrostatic field meter is a special meter for testing the static and can test the ion balance.
·It can test the static quickly and effectively with untouched sensor, such as plastic, chemical fiber, pelage and the static of the body and so on.

Specification
·Display : LCD
·Power supply : 9V
·Testing range : Low 0 ~ ±1.5KV /
High 1 ~ ± 22.00KV
(Auto-switch between low&high)
·Ion balance testing range : 0 ~ ±220V
·Measure distance : 25 mm (±0.5 mm)
·Accuracy : ±10%
·Waiting current : <3 Ua
·Working current : <15 mA
·Environment : 0°C ~ 50°C, humidity <80%
·Surface case : ESD safe
·Dimension : 125 x 70 x 25 mm
·Weight : 200g

SN738760
AC fan ionizer



Features
·Low noise, small and compact light weight
·Suitable for small working area
·Stable static neutralization performance
·High Ion density, rapid static neutralization
·With Ion and high voltage abnormality indicator lights
·Built-in high frequency transformer
·Bench stand or optional pedestal mount with 360°adjustability

Specification
·Input voltage : 110~220VAC
·Ion generation : High frequency corona discharge (around 68KHz)
·Power : 4W
·Ion balance : ±35V (measured 10cm in front of unit)
·Air flow : 0.3m³/min
·Effective area : 200 x 400 mm
·Dimension : 65 x 30 x 80 mm
·Weight : 200g

SN738762
AC fan ionizer



Features
·With flow adjustment function
·Stable static neutralization performance
·High Ion density, rapid static neutralization
·With Ion and high voltage abnormality indicator lights
·Rapid static neutralization
·Built-in high frequency transformer

Specification
·Input voltage : 110~220VAC
·Ion generation : High frequency corona discharge (around 68KHz)
·Power : 6W
·Ion balance : ±35V (measured 15cm in front of unit)
·Air flow : 1.6m³/min
·Effective area : 300 x 600 mm
·Dimension : 104 x 50 x 140 mm
·Weight : 620g

SN738764
AC fan ionizer

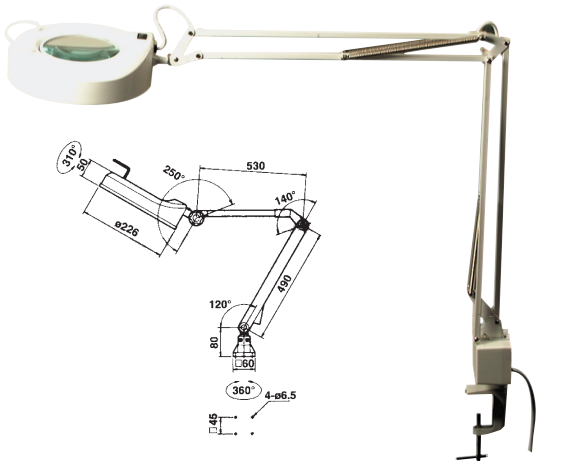


Features
·Rapidly neutralizes static charges
·Ion balance adjustable
·Covers an extended area with ionized air
·Variable speed fan with wide range of air flow
·Low wattage heater for operator comfort
·Built-in ion emitter cleaner
·Bench stand or optional pedestal mount with 360°adjustability
·Durable, electrically grounded steel enclosure

Specification
·Input voltage : 110~220VAC
·Ion generation : High frequency corona discharge (around 68KHz)
·Power : 20W
·Ion balance : ±10V (measured 30cm in front of unit)
·Air flow : 2.4m³/min
·Effective area : 400 x 1500 mm
·Dimension : 140 x 84 x 220 mm
·Weight : 2600g

SN7388 x x
- AC plug
- Multiple
- Item No.

Fluorescent magnifying lamp
A : 3 x magnifier
B : 5 x magnifier

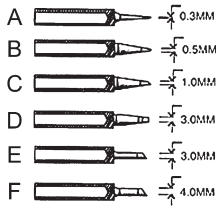


SN7389 x x
- AC plug
- Soldering tip
- Item No.

Temperature controlled soldering iron station
·Temperature range : 250°C~480°C adjustment
·24V 50W for soldering pencil
·Anti-static ceramic heater



Soldering tip:

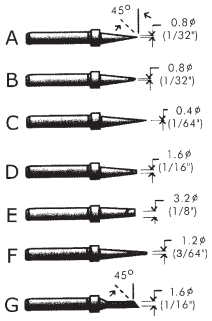


SN7391 x x
- AC plug
- Soldering tip
- Item No.

Temperature controlled soldering iron station
·Temperature range : 150°C~420°C adjustment
·24V 48W for soldering pencil



Soldering tip:

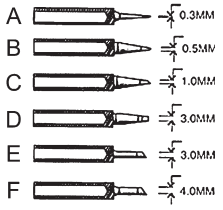


SN7392 x x
- AC plug
- Soldering tip
- Item No.

Temperature controlled soldering iron station
·Temperature range : 150°C~420°C adjustment
·24V 48W for soldering pencil
·Ceramic heater



Soldering tip:

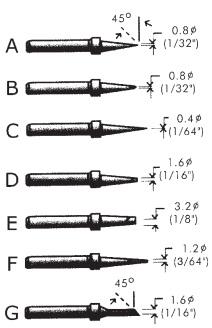


SN7393 x x
- AC plug
- Soldering tip
- Item No.

Temperature controlled soldering iron station
·Temperature range : 160°C~480°C adjustment
·24V 48W for soldering pencil



Soldering tip:

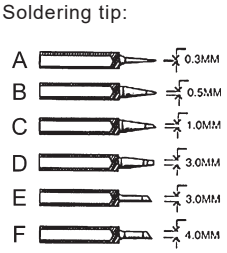


SN7396 x x
- AC plug
- Soldering tip
- Item No.

Temperature controlled soldering iron station
·Temperature range : 160°C~480°C adjustment
·24V 48W for soldering pencil
·Anti-static ceramic heater



Soldering tip:



SN7400
Tweezer set (4pcs)



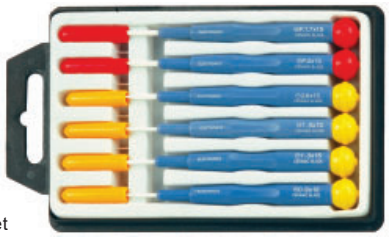
SN74050
Plastic triple holder



SN74005
Tweezer

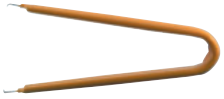


SN74060
Ceramic alignment tool
A : ⊖ 0.9 x 0.4
B : ⊖ 1.3 x 0.4
C : ⊖ 1.8 x 0.4
D : ⊖ 2.0 x 0.4
E : ⊖ 2.6 x 0.4
F : ⊕ #0 x 0.4
G : ⊕ #1 x 0.4



SN74061
Ceramic alignment tool set
6pcs

SN7401
IC puller (for 8-40 pins)



SN74062
Alignment tool (steel spring tip)
Full length : 200mm, Dia. 6mm
Blade Dia. : 2.0mm



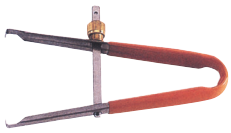
SN74013
Anti-static IC insertion extractor clipper
(for 14-48 pins)



SN74065
Wrap / strip / unwrap tools
30AWG(0.25mm) / 0.036"(0.91mm) / 0.125"(3.18mm) / 1.5"(38.1mm)



SN74015
IC extractor



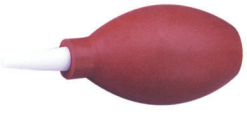
SN74070
Solder aid set (4pcs)



SN7403
PLCC extractor



SN74075
Desoldering bulb
Teflon tip



SN74200
Voltage tester
for export 120-250V



SN74201
Universal voltage tester
2 LEDs indicator for voltage reading
12-400 AC / DC
Display : +12/DC 110-400 AC
Response time < 1 sec
Max. current < 3.5 mA



SN74203
Universal voltage tester
5-stage LEDs indicator for voltage reading
12-400V AC, 12-500V DC
Display : +12 / 50
120 / 220 / 400V AC
150 / 300 / 500V DC
Response time < 1sec
Max. current < 3.5 mA



SN74206
Auto tester 3-48 voltage
Circuit tester with test lead for either car or truck,
for either electrics or electronics.



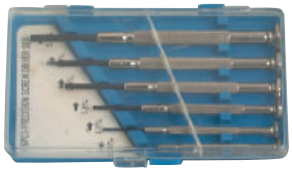
SN74208
Circuit tester
Check AC or DC wiring up to 36V W/48" long leads



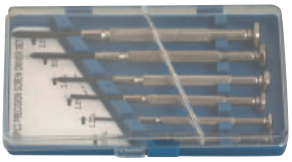
SN74250
13 pieces knife set
include : CK1, CK2, CK3
and knife 10 assorted blades



SN7431
Screwdriver set
6pcs flat blades: 0.9 / 1.2 / 1.8 / 2.4 / 3.0 / 3.5



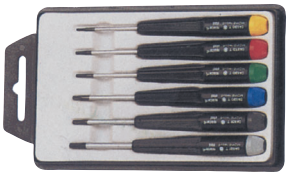
SN7432
Screwdriver set
3pcs flat blades : 0.9 / 1.2 / 1.8
3pcs cross blades : #0 / #1 / #1-1



SN7433
Screwdriver set
4pcs flat blades : 0.9 / 1.2 / 1.8 / 2.4
2pcs cross blades: #1 / #1-1



SN74380
Electronic screwdriver set (plastic hand)
6pcs ✱ ST 6 x 40mm
ST 7 x 40mm
ST 8 x 40mm
ST 9 x 40mm
ST10 x 40mm
ST15 x 40mm



SN74382
Electronic screwdriver set (plastic hand)
4pcs ⊖ S1.4 x 40mm
S2.0 x 40mm
S2.4 x 40mm
S3.0 x 40mm
3pcs ⊕ SPH0-3 x 40mm
SPH0-2 x 40mm
SPH0 x 40mm

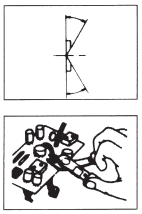


SN74384
Electronic screwdriver set (plastic hand)
5pcs S1.0 x 40mm
⊖ S2.0 x 40mm
M2.4 x 75mm
M3.0 x 75mm
L4.0 x 100mm
4pcs SPH0-3 x 40mm
⊕ MPH0-2 x 75mm
MPH0 x 75mm
LPH1 x 100mm



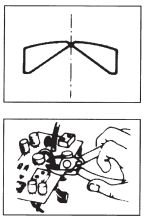
SP7500
(3 1/2)" Side cutter plier (stainless steel)
◎Suitable for copper cable below Dia. 1.2mm
◎Do not use to cut steel cable





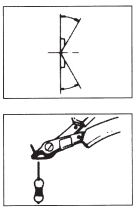
SP7502
4" Side cutter plier (carbon steel)
◎Suitable for soft wire below Dia. 1.0mm





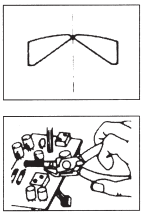
SP7504
(4 1/2)" Side cutter plier (stainless steel)
◎Suitable for copper cable below Dia. 1.2mm
◎Do not use to cut steel cable





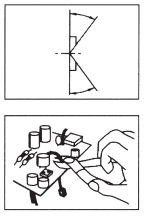
SP7506
(4 1/2)" Side cutter plier (carbon steel)
◎Suitable for soft wire below Dia. 1.6mm
◎Do not use to cut steel cable





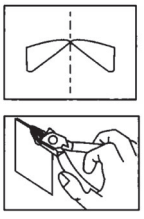
SP7508
5" Side cutter plier (high carbon steel)
◎Suitable for copper cable below Dia. 1.2mm
◎Do not use to cut steel cable





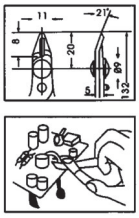
SP75086
5" Side cutter plier (CRV.6140 steel)
◎Duplex color protective TRV grip
◎For wire below 1.3mm
◎Do not use to cut steel cable





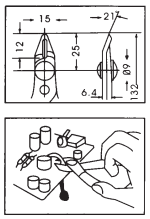
SP75088
5" Side cutter plier W/protective conductive handle
(high carbon steel)
◎Suitable for copper wire below Dia. 1.2mm
◎Do not use to cut steel wire





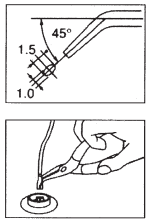
SP75089
6" Side cutter plier (high carbon steel)
◎Suitable for copper wire below Dia. 1.6mm
◎3.2mm thinkness



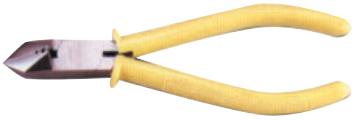


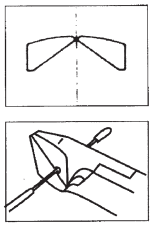
SP75090
6" Bent nose plier (high carbon steel)
◎For bending fine products and operation
small precision equipment
◎Serrated for easy taking up





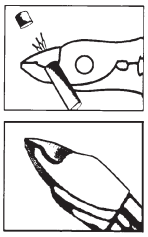
SP7512
6" Diagonal plier (carbon steel)
◎Suitable for soft wire below Dia. 2.0mm
◎Do not use to cut steel cable





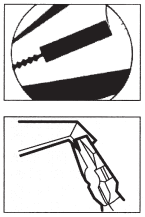
SP7513
6" Cable cutter
◎Cutting capacity in viny coated copper/
aluminum cables





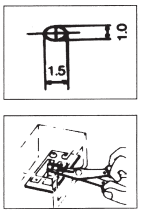
SP7514
8" Lineman's plier
◎With side cutter
◎Serrated for easy taking up





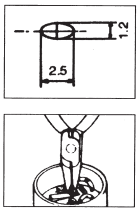
SP7520
4" Long nose plier (stainless steel)
◎For easy operation in deep and narrow working space





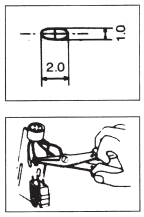
SP7522
4" Long nose plier (carbon steel)
◎Non cutter





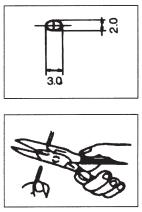
SP7524
5" Long nose plier (stainless steel)
◎For easy operation in deep and narrow working space
◎Serrated for easy taking up





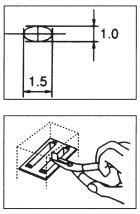
SP7526
5" Long nose plier (carbon steel)
◎With side cutter
◎Serrated for easy taking up





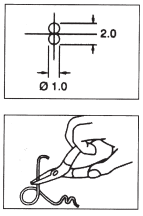
SP7528
6" Long nose plier (high carbon steel)
◎For easy operation in deep and narrow working space
◎Serrated for easy taking up





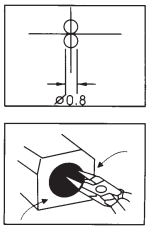
SP75285
(5 1/2)" Round nose plier (high carbon steel)
◎For bending fine products and operation in small precision equipment





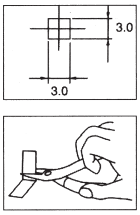
SP75287
(5 1/2)" Straight nose internal plier
◎2.5mm thinkness
◎Capacity 8~25mm
◎For hole 1.0~1.5mm





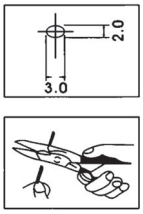
SP75290
6" Flat nose plier (high carbon steel)
◎For fine product assembly





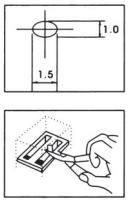
SP75292
6" Long nose plier (CRV.6140 steel)
◎Duplex color protective TRV grip
◎With cutter



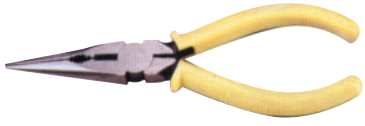


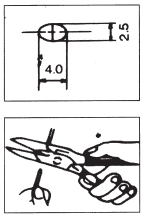
SP75295
6" Long nose plier W/protective conductive handle (high carbon steel)
◎For easy operation at deep and narrow working space
◎Serrated for easy taking up





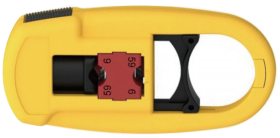
SP7534
6" Long nose plier (carbon steel)
◎With side cutter
◎Serrated for easy taking up



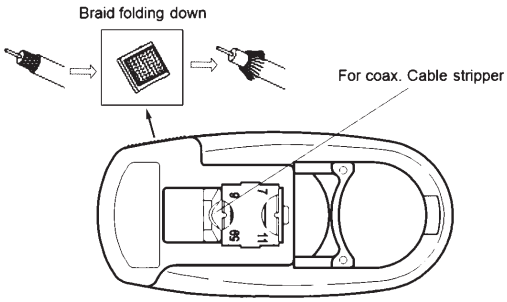


3.7" Rotary coax cable stripper
No replacement casettes needed
SP76020 ~ SP76022

2 blades model



SP76020	RG59 RG 6 RG 7 RG11
SP76021	18AWG 24AWG
SP76022	RG59 RG 6

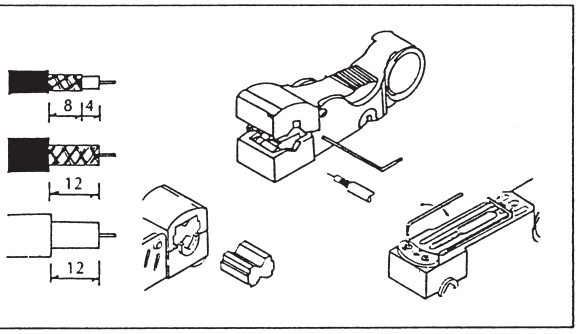


4.2" Rotary coax cable stripper
No replacement casettes needed
SP7603 ~ SP7605

3 blades model

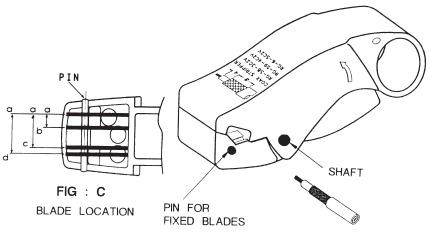


SP7603	RG59 RG62 RG 6
SP7604	RG58 RG59
SP7605	RG213



4.3" Rotary coax cable stripper
No replacement casettes needed
SP76055





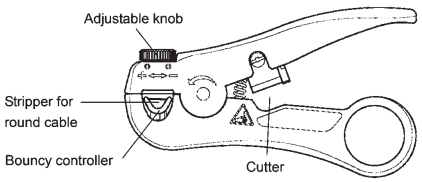
Adjusting the stripping length by following steps :

1. Use the HEX wrench to push out the shaft of the body and the pin of the blade.
2. Use a tweezer to remove the blades into position as Fig.C.
3. Reinstall the shaft and blade pin.

for cable RG-58 (3C2V), 59/62 (4C2V), RG-6 (5C2V), 6QS.

4.4" Stripping tool
SP7606

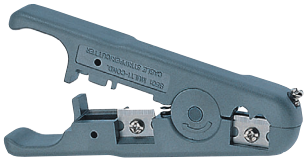




Function :

1. Strips UTP/STP wire and multi conductor cable dimension from 3.5mm - 9mm Max.
2. Uses adjustable knob for setting different insulation diameters.
3. A bouncy controller equipped to avoid scoring inner cable when stripping.
4. Provides with cable cutting fuction.

4.3" Stripping tool
SP7607



SP7607 Universal stripping tool

for wire (UTP / STP) or wire and multi - conductor cable from 3.5mm - 9mm Max.

SP76071 Easy stripper for UTP / STP wire

for stripping wire diameter 5Ø - 6Ømm, made of poly-resin, economic type.

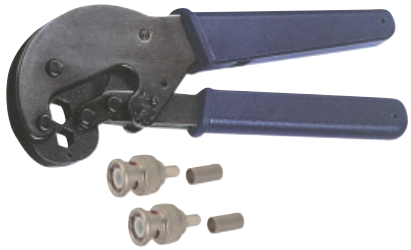
SP76072 Keystone jack fixture



SP76071

SP76072

Coax crimping tool
SP76090 ~ SP76097



Item No.	⬡	⬡	⬡	For crimping RG type cable
SP76090	.322" 8.2mm	.255" 6.48mm		59,62,6
SP76091	.255" 6.48mm	.213" 5.4mm	.068" 1.72mm	BNC,TNC,UHF,SMA-58,59,62
SP76092	.406" 10.3mm		.102" 2.6mm	UHF-8
SP76093	.448" 11.4mm	.322" 8.2mm	.213" 5.4mm	58,6,11,213
SP76094	.476" 12.1mm	.322" 8.2mm	.10" 2.54mm	6,11,213
SP76095	.448" 11.4mm	.322" 8.2mm	.10" 2.54mm	6,11,213,5,21,143,212,222,304 belden:8281,9231,9141
SP76096	.359" 9.12mm	.322" 8.2mm		F-59,62,6

Coax crimping tool - ratchet type
SP7610 ~ SP7618



Item No.	⬡	⬡	⬡	⬡	⬡ pin	•SQ.pin	For crimping RG type cable
SP7610		.256" 6.5	.213" 5.41		.068" 1.73		58,59,62,
SP7612	.319" 8.1	.256" 6.5	.213" 5.41		.068" 1.73		6,58,59,62
SP7613	.255" 6.48	.213" 5.41	.137" 3.48	.100" 2.54	.068" 1.73	.043" 1.09	58,59,62,174,fiber optic
SP7614	.178" 4.52	.151" 3.84	.128" 3.25	.078" 1.98	.068" 1.73	.042" 1.07	174,179,fiber optic,belden 8218
SP7616		.255" 6.48	.213" 5.41	.187" 4.75	.068" 1.73		58,59,62,174
SP7617	.449" 11.4	.346" 8.8		.079" 2.00	.058" 1.48		7C,5C,4C
		.276" 7.0		.071" 1.8	.063" 1.6		
SP7618	.429" 10.9		.128" 3.25	.100" 2.54			8,11,174,179,213

Coax tool kits
SP76190 ~ SP76193



Item No.	Cutter	Coax. Stripper	Tool	Crimping tool				
				HEX spec.	⬡	⬡ pin	For crimping RG type cable	
SP76190	SP7625 for.41" (10.5Ømm)	SP76055(6/58/59/62) 3 blades model	SP7610		.256" 6.5	.213" 5.41	.068" 1.72	59,62,140,210 belden 8279,55,58,141,142 223,303,400,fiber optic
SP76191	SP7625 for.41" (10.5Ømm)		SP7612	.319" 8.1	.256" 6.5	.213" 5.41	.068" 1.72	6,59,62,140,210 belden 8279,55,58,141,142 223,303,400,fiber optic
SP76192	SP7625 for.41" (10.5Ømm)	SP7601 (58/59/62) 2 blades model	SP7610		.256" 6.5	.213" 5.41	.068" 1.72	59,62,140,210 belden 8279,55,58,141,142 223,303,400,fiber optic
SP76193	SP7625 for.41" (10.5Ømm)		SP7612	.319" 8.1	.256" 6.5	.213" 5.41	.068" 1.72	6,59,62,140,210 belden 8279,55,58,141,142 223,303,400,fiber optic

Coax tool kits
SP76195

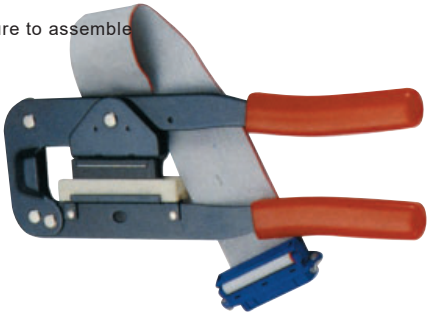


Item No.	⬡	⬡	⬡	⬡	⬡ pin	•SQ.pin	For crimping RG type cable
SP7616		.255" 6.5	.213" 5.41	1.87" 4.75	.068" 1.73		55,58,59,62,140,141,142,210,223 174,303,400,fiber optic,belden 8279
SP7612 DIE	.319" 8.1	.256" 6.5	.213" 5.41		.068" 1.73		6,59,62,140,210,belden 8279 55,58,141,142,223,303,400,fiber optic
SP7613 DIE	.255" 6.48	.213" 5.41	.137" 3.50	.100" 2.54	.068" 1.73	.043" 1.1	59,62,8X,140,210,belden 8279 55,58,141,142,174,223,303,400,fiber optic
SP7614 DIE	.178" 4.52	.151" 3.84	.128" 3.25	.078" 2.00	.068" 1.73	.042" 1.07	122,174,179,180,187,188,195,fiber optic 178,316,belden 8218
SP7618 DIE	.429" 10.9		.128" 3.25	.100" 2.54			8,9,11,87A,149,165,213,214,216,225 393,174,179,187,188,316,belden 9913
SP7625	6 1/2" cable cutter for cutting cable Max.41"Ø(10.5mmØ)						
SP7602	4.3" coax stripper for stripping RG58/59/62/6/3C2V...						

SP76200
4" Insertion & extraction tools for RS232
(20AWG) crimp type contact pin



SP7621
(9 1/2)" IDC crimping fixture to assemble
flat cable onto IDC-type
connectors for
connectors
Height 6-27.5mm



SP7622
8" Ratchet modular crimping tool
For cuts-strips-crimps 2 types of plug in 1
For 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11,
6P2C, 4P4C, 4P2C



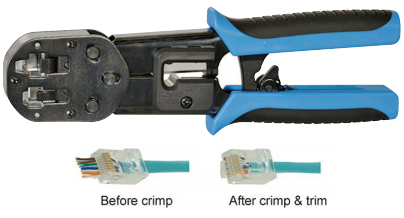
SP7623
8" Modular crimping tool
For cuts-strips-crimps 2 types of plug in 1
For 8P8C/RJ-45, 6P6C/RJ-12,
6P4C/RJ-11, 6P2C



SP76233
8" Professional modular crimping tool
For 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11 and 6P6C off-set
The DEC plug and 4P4C, 4P2C
W/ratchet strips & cuts



SP76235
8.3" Modular crimping tool W/cuts
To crimp and trim the extended wires in one time
For 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11



SP76236
8.95" Modular crimping tool
For 8P8C/RJ-45 (23 - 26AWG)
For X980896S



SP76238
7" Modular crimping tool
For 8P8C/RJ-45 toolless plug
For X981126, X981128



SP76239
5.62" Modular crimping tool
To crimp and trim the extended wires in one time
For 8P8C/RJ-45
W/strips & cuts



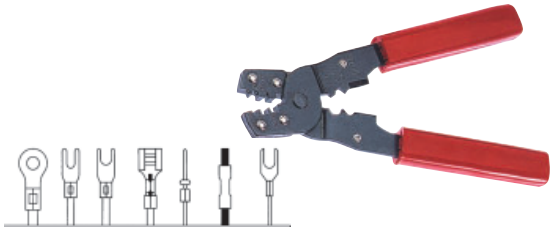
SP7624
5" Stripper and cutter
W/adjustable screw controller 10 to 30 AWG 5.5 to 0.2mm^2



SP7625
(6 1/2)" Cable cutter curve blade cuts
wire up to 8Ømm



SP76255
7.3" Crimping tool
For insulated, non-insulated terminal
14-22 AWG, 22-26 AWG, 10-22 AWG 5.5-0.35 mm^2



SP7626A /B
8.7" Ratchet crimping tool for pin terminal
(insulated or non-insulated ferrules)
A:12 14 16 18 20 22 AWG 4.0 2.5 1.5 1.0 0.75 0.5 mm^2
B:6 8 10 AWG 16 10 6 mm^2



SP762795
6.3" Fiber optic stripping tool



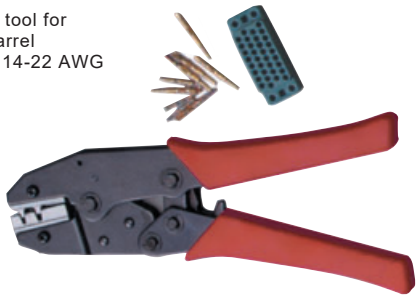
SP7627
8.7" Ratchet crimping tool
For insulated terminals
10 12 14 16 18 22 AWG 6.0 4.0 2.5 1.5 1.0 0.5 mm^2



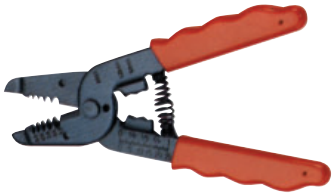
SP7628
7.3" Nibbling tool (nickel plated)
Cuts up to 18AWG soft steel
1/16" soft plate



SP76273
8.7" Ratchet crimping tool for
non-insulated open barrel
and D-Sub connector 14-22 AWG



SP7629A /B /C
6.8" 7 In 1 tool
wire stripper, wire cutter,
steel wire cutter, pliers,
wire loop, scale mm & inch,
crimping tool
A: 10 12 14 16 18 AWG
5.5 3.5 2.0 1.25 0.9 mm^2
B: 16 18 20 22 24 26 AWG
1.25 0.9 0.5 0.35 0.2 mm^2
C: 22 24 26 28 30 AWG
0.65 0.6 0.4 0.32 0.25 mm^2



SP76274
8.25" Ratchet crimping tool for
non-insulated open barrel
and D-Sub connector
(18-22AWG, 24-30AWG)



SP7642
6.8" Tie gun tying and cutting



SP76276
8.7" Fiber optic crimping tool
for .042" .068" .133" .162" .195"



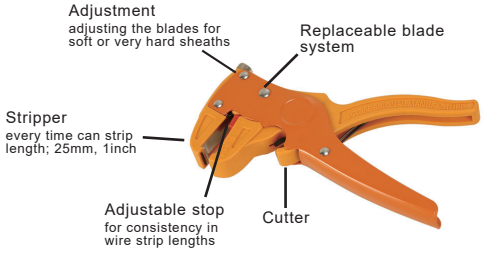
SP76421
6.3" Tie gun tying and cutting



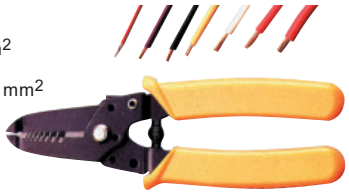
SP76279
5.8" Fiber optic cutting tool



SP7643
7" Self adjusting cutter / stripper
for 0.5-8mm^2



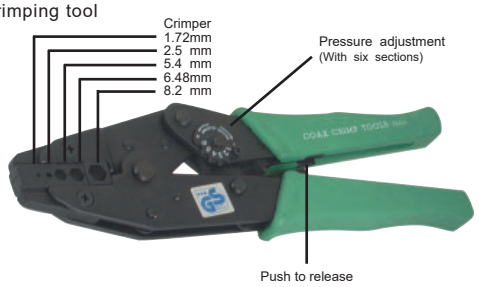
SP76433A /B
6.6" 5 In 1 tool
Wire stripper, wire cutter, steel wire cutter, pliers, wire loop
A: 10 12 14 16 18 20 AWG
2.6 2.0 1.6 1.3 1.0 0.8 mm^2
B: 20 22 24 26 28 30 AWG
0.8 0.65 0.5 0.4 0.32 0.25 mm^2



SP76511
6.3" Compression connector crimping tool
For F, Mini F, BNC, RCA connector



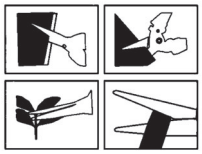
SP7645
(9 1/2)" Coax crimping tool



SP76512
6.8" Compression connector crimping tool
For F, BNC, RCA connector

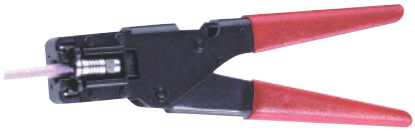


SP7649
(7 3/4)" Multi cutter
Stainless steel blade & aluminum handle W/tpr grips





SP76513
8.5" F waterproof connector crimping tool
For RG59, RG6



SP7650
7.9" Duct cutter





SP76554
3.93" 3 In 1 tool for F & RG59 & RG6 connector
Screws F connector on to the threaded end and twists it to install the cable end



SP76505
11.8" Heavy-duty ratchet cable cutter
Cuts up to 600MCM copper, 750MCM aluminum power cable. Max. capacity is 2-1/8"(53mm) dia. or up to 2700 pair telephone cable



SP76565
2.6" Heat-sink tool
For absorb heat during soldering



SP76514
7.7" Compression connector crimping tool
For F, BNC, RCA, right angled and keystone connector



SP76570
5.9" Telecom splices crimping tool
For 19-26 (UR.UG), 22-26 (UY) AWG

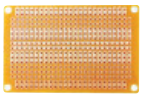




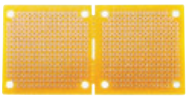
SP76601
2.54mm Single side phenolic circuit board
72 x 47 x 1.6mm with 371 holes
UL frame : 94V-0



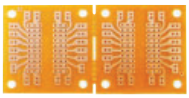
SP76602
2.54mm Single side phenolic circuit board
For micro computer I/O bus (8 bits, 16 bits)
72 x 47 x 1.6mm with 417 holes
UL frame : 94V-0



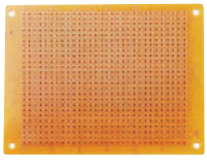
SP76603
2.54mm Single side dual phenolic circuit board
91 x 45 x 1.6mm with 426 holes
UL frame : 94V-0



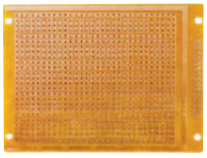
SP76604
2.54mm Single side dual phenolic circuit board
For two 5 to 20 pin DIPS or ICS (8, 14, 18, 20pin)
91 x 45 x 1.6mm
UL frame : 94V-0



SP76605
2.54mm Single side phenolic circuit board
94 x 71 x 1.6mm with 750 holes
UL frame : 94V-0



SP76606
2.54mm Single side phenolic circuit board
95 x 72 x 1.6mm with 780 holes
UL frame : 94V-0

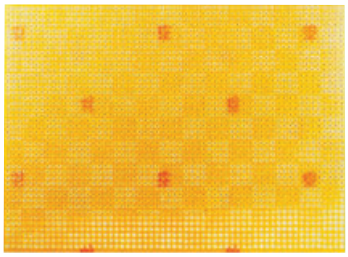


SP76607A /B /C
2.54mm Single side phenolic circuit board
UL frame : 94V-0

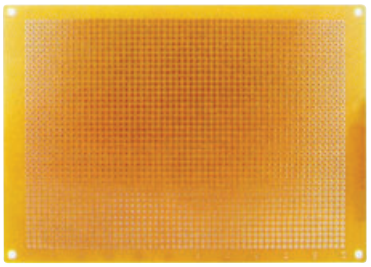
A : 153 x 71 x 1.6mm
with 1593 holes

B : 153 x 114 x 1.6mm
with 2537 holes

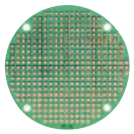
C : 153 x 203 x 1.6mm
with 4661 holes



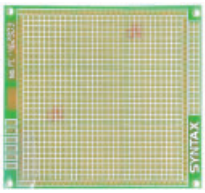
SP76608
2.54mm Single side phenolic circuit board
160 x 115 x 1.6mm
with 2200 holes
UL frame : 94V-0



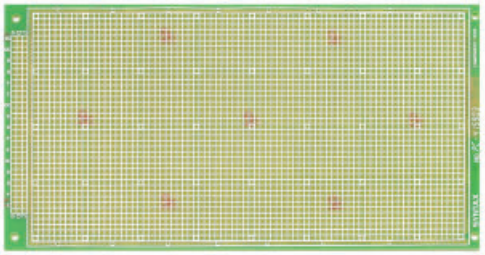
SP76609
2.54mm Single side phenolic & glass-fiber board
60Ø x 1.2mm with 367 holes
UL frame : 94V-0



SP76610
2.54mm Single side FR-4 epoxy glass-fiber circuit board
95 x 86 x 1.6mm



SP76611
2.54mm VME bus single side FR-4 epoxy glass-fiber
circuit board
220 x 113 x 1.6mm



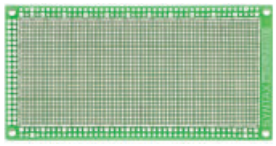
SP76612B
2.54mm VME bus FR-4 epoxy glass-fiber circuit
board 330 x 233 x 1.6mm B : double side



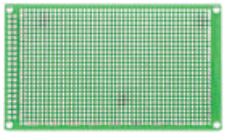
SP76613
Double side phenolic & copper-clad circuit board
For electronic circuit experiment
160 x 115 x 1.6mm
UL frame : 94V-0



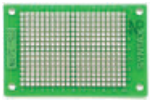
SP76614
1.27mm Double side FR-4 epoxy glass-fiber circuit board
127 x 64 x 1.6mm



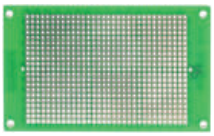
SP76615
2.0mm Double side FR-4 epoxy glass-fiber circuit board
104 x 60 x 1.6mm



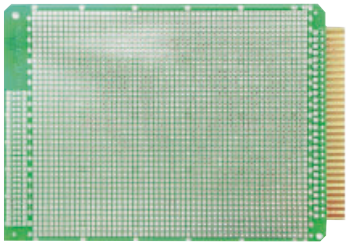
SP76617
2.54mm Double side FR-4 epoxy glass-fiber circuit board
71 x 46 x 1.6mm



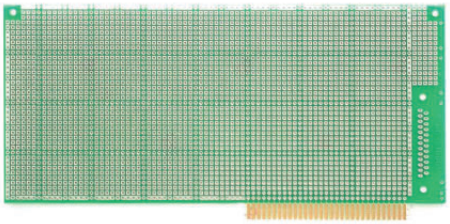
SP76618
2.54mm Double side FR-4 epoxy glass-fiber circuit board
103 x 60 x 1.6mm



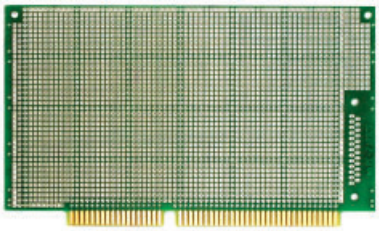
SP76619
2.54mm 28P STD bus double side FR-4 epoxy glass-fiber circuit board
155 x 113 x 1.6mm



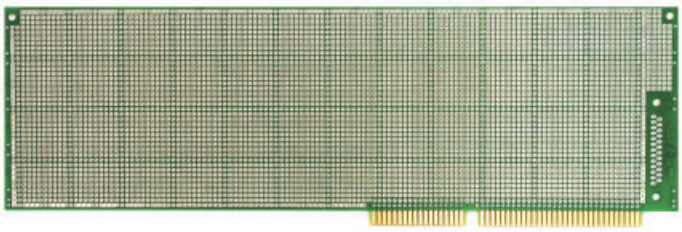
SP76622
2.54mm 31P XT bus double side FR-4 epoxy glass-fiber circuit board
216 x 102 x 1.6mm



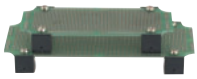
SP76623
2.0mm 31P + 18P at bus double side FR-4 epoxy glass-fiber circuit board
181 x 102 x 1.6mm

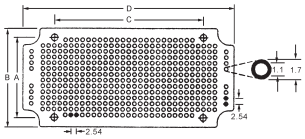


SP76624
2.54mm 31P + 18P at bus double side FR-4 epoxy glass-fiber circuit board 333 x 102 x 1.6mm



Universal PCB

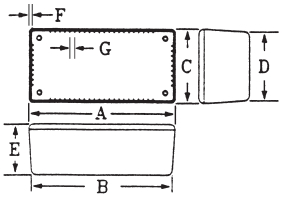




Model	Dimensions (mm)				Pads	Side	Fit with
	A	B	C	D			
SP7740	33.6	41.7	65.8	93.4	407	single	SP7750
SP7741	43.2	51.3	89.7	116.5	744	single	SP7751
SP7742	68.3	76.4	111.8	139.0	1384	single	SP7752
SP7744	33.6	41.7	65.8	93.4	407	double	SP7750
SP7745	43.2	51.3	89.7	116.5	744	double	SP7751
SP7746	68.3	76.4	111.8	139.0	1384	double	SP7752
SP7747	92.4	100.5	144.0	170.5	2244	double	SP7753

Project box



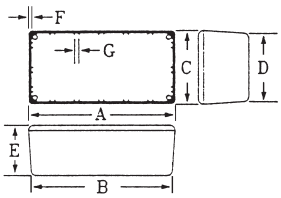


Model	Dimensions (mm)							Weight (g)
	A	B	C	D	E	F	G	
SP7750	104.8	103.0	54.5	53.0	44.5	2.4	2	78
SP7751	129.5	128.7	64.4	63.5	44.5	2.4	2	105
SP7752	150.0	147.8	90.0	88.0	54.9	2.6	2	169
SP7753	185.0	182.0	115.2	112.2	64.6	2.6	2	259
Gray	ABS plastic						Screws supplied	

SP7756	75.4	-	49.5	-	25	3.6	2	30
SP7757	129	-	64.0	-	42	4.0	3.5	74
Black	ABS plastic						Screws supplied	

Project box

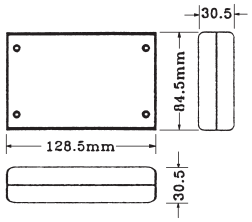




Model	Dimensions (mm)							Weight (g)
	A	B	C	D	E	F	G	
SP7760	76.2	74.0	50.8	48.5	26.8	1.6	none	26
SP7761	111.6	110.0	57.7	56.1	22.0	1.5	none	43
SP7762	100.8	99.3	76.5	75.1	40.8	1.6	2	61
SP7763	150.0	146.8	100	97.0	59.2	1.7	2	115
Black	ABS plastic						Screws supplied	

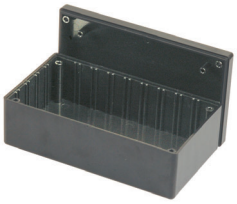
Project box

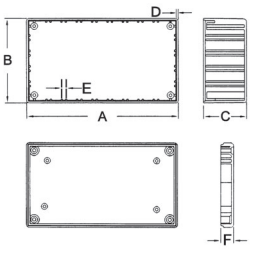




Model	Dimensions (L x W x H) mm	Weight (g)
SP7765	128.5 x 84.5 x 30.5	70
Gray	ABS plastic	Screws supplied

Project box

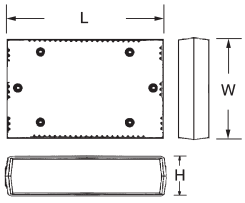




Model	Dimensions (mm)						Weight (g)
	A	B	C	D	E	F	
SP7766	134.8	74.8	39.0	2	2	11.5	96
SP7767	224.4	138.9	72.7	2	2	20.5	340
Black	ABS plastic						Screws supplied

Instrument box

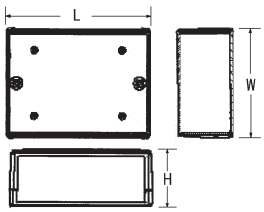




Model	Dimensions (L x W x H) mm	Weight (g)
SP7770	200 x 160 x 63.5	370
SP7771	250 x 190 x 78.5	650
SP7772	250 x 180 x 75.0	565
Gray	ABS plastic	Screws supplied

Instrument box (feet stand)

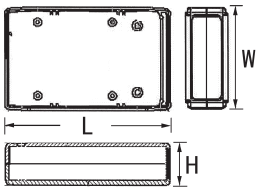




Model	Dimensions (L x W x H) mm	Weight (g)
SP77800	130 x 100 x 30	125
SP77801	130 x 100 x 50	175
SP77802	130 x 100 x 70	212
SP77803	190 x 140 x 30	240
SP77804	190 x 140 x 50	317
SP77805	190 x 140 x 70	375
SP77806	250 x 180 x 50	480
SP77807	250 x 180 x 75	634
SP77808	250 x 180 x 100	708
Gray	ABS plastic	Screws supplied

Project box

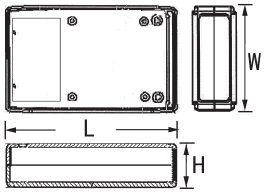




Model	Dimensions (L x W x H) mm	Weight (g)
SP77810	100 x 60 x 25	70
SP77811	120 x 70 x 25	87
SP77812	165 x 80 x 32	150
SP77813	165 x 100 x 32	162
SP77814	185 x 135 x 40	277
SP77815	190 x 100 x 40	230
Gray	ABS plastic	Screws supplied

Project box

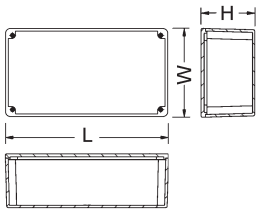




Model	Dimensions (L x W x H) mm	Weight (g)
SP77820	130 x 68 x 25 (sealed type)	80
SP77821	130 x 68 x 25 (non-sealed type)	80
SP77822	160 x 85 x 30 (sealed type)	128
SP77823	160 x 85 x 30 (non-sealed type)	128
Gray	ABS plastic	Screws supplied

Light duty watertight die cast box can reach to IP67

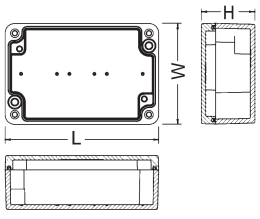




Model	Dimensions (L x W x H) mm	Lid thickness
SP77890	52.5 x 38 x 31	4
SP77892	112.0 x 60 x 38	4
SP77894	120.0 x 80 x 59	4
SP77896	153.0 x 82 x 50	4
SP77898	188.0 x 120 x 82	4
Aluminum		Screws supplied

Heavy duty watertight die cast box can reach to IP67





Model	Dimensions (L x W x H) mm	Lid thickness
SP77910	64 x 58 x 35	5.2
SP77912	98 x 64 x 34	9.2
SP77914	115 x 65 x 30	5.2
SP77916	125 x 80 x 57	15.6
SP77918	160 x 100 x 60	20.0
Aluminum		Screws supplied

SP77970
6 Grids components storage box
120 x 90 x 22 mm

SP77971
7 Grids components storage box
180 x 96 x 25 mm



SP77972
8 Grids components storage box
182 x 140 x 40 mm



SP77973
12 Grids components storage box
200 x 140 x 40 mm

SP77974
6 Grids components storage box
210 x 128 x 35 mm



SP77975
18 Grids components storage box
275 x 182 x 40 mm



SP77980
8 Combined grids components storage box
35 x 25 x 24 mm / 1pc



SP77981
10 Adjustable grids components storage box
135 x 100 x 26 mm



SP77982
24 Adjustable grids components storage box
200 x 136 x 40 mm



SP77983
40 Adjustable grids components storage box
250 x 180 x 40 mm



SP77984
12 Adjustable grids components storage box
260 x 128 x 46 mm

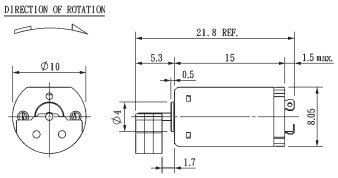


SP77985
18 Adjustable grids components storage box
275 x 195 x 52 mm



Application:
·Precision instruments
·Game controller
·Massager

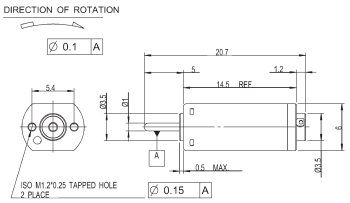




Item No.	Voltage nominal	Load		
		Speed	Current	Output
		r/min	A	W
SQ79002	2.4	10000	0.23	0.05~1.0

Application:
·OA instruments
·PC
·Camera
·CD/DVD ROM

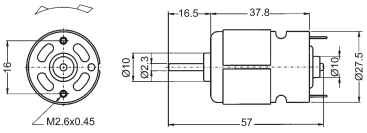




Item No.	Voltage nominal	No load		At maximum efficiency				Stall
		Speed	Current	Speed	Current	Torque	Output	Torque
		r/min	A	r/min	A	g-cm	W	g-cm
SQ79020	1.0~3.5	5900	0.045	6947	0.16	1.0	0.05	1.2

Application:
·Electric tool

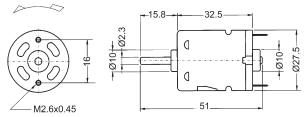




Item No.	Voltage nominal	No load		At maximum efficiency					Stall
		Speed	Current	Speed	Current	Torque	Output	Eff	Torque
		rpm	A	rpm	A	g-cm	W	%	g-cm
SQ79110	2.4V	7700	0.85	6200	2.62	63	4.00	63.73	340
SQ79111	12.0V	15800	0.50	13500	2.15	125	17.28	67.00	820
SQ79112	12.0V	10400	0.28	8700	1.10	100	8.71	67.83	610
SQ79113	24.0V	10500	0.12	8800	0.50	90	8.27	65.75	550

Application:
·Flash light

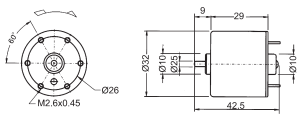




Item No.	Voltage nominal	No load		At maximum efficiency					Stall
		Speed	Current	Speed	Current	Torque	Output	Eff	Torque
		rpm	A	rpm	A	g-cm	W	%	g-cm
SQ79130	3.6V	12500	0.80	9910	2.55	55.70	5.67	61.81	264
SQ79131	6.0V	16400	0.52	13470	2.39	65.10	9.00	62.76	364
SQ79132	9.0V	9800	0.32	7800	1.25	52.67	4.21	56.25	259
SQ79133	12.0V	14700	0.26	11960	1.14	71.40	8.76	64.20	383

Application:
·Automatic vending machine

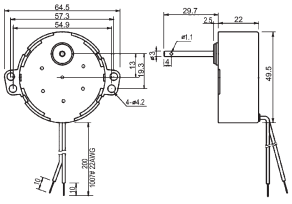




Item No.	Voltage nominal	No load		At maximum efficiency					Stall
		Speed	Current	Speed	Current	Torque	Output	Eff	Torque
		rpm	A	rpm	A	g-cm	W	%	g-cm
SQ79140	2.4V	6400	0.60	5000	2.15	54.55	2.80	54.27	250
SQ79141	6.0V	6200	0.20	5140	0.79	54.50	2.87	60.67	320
SQ79142	12.0V	6200	0.12	5100	0.47	59.81	3.14	55.60	340
SQ79143	24.0V	6200	0.06	5000	0.21	61.76	3.17	62.31	320

Application:
·Electric fan
·Heater
·Laminator
·Healthful instrument
·Video games
·Spotlights
·Air Conditioner





SQ79 x x x
- Rotation speed
- Rotor direction
- Rated Voltage
- Item No.

Rated voltage: AC

A	B	C	D	E
12V	24V	100V	110V~125V	220V~240V

Rotor direction:

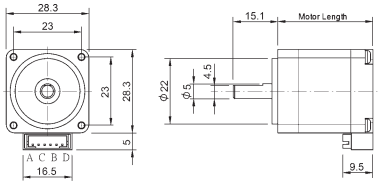
A	B	C
CW/CCW	CW	CCW

Rotation speed RPM (braking torque) : 8kgf-cm

Code	A	B	C	D	E
50Hz	0.83	1/2.4	1/3.6	1/6	1/12
60Hz	1	1/2	1/3	1/5	1/10

Application:
·Industrial control
·Industrial Equipment
·Computer & Peripherals

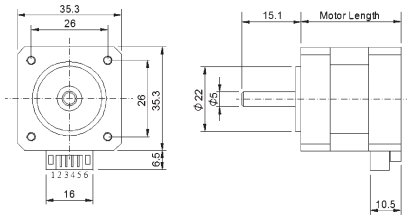




Item No.	Step angle	Rated voltage	Holding torque	Rated current	Winding resistance	Inductance	Motor Length
	Deg.	V	mN.m	A	Ω	mH	mm
SQ79211A	1.8	2~36	60	0.67	5.6	3.4	32.0
SQ79211B			95		6.8	4.9	44.5
SQ79211C			120		9.2	7.2	51.5

Application:
·Industrial control
·Industrial Equipment
·Computer & Peripherals

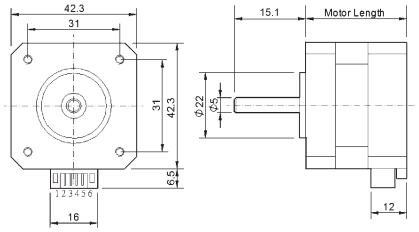




Item No.	Step angle	Rated voltage	Holding torque	Rated current	Winding resistance	Inductance	Motor Length
	Deg.	V	mN.m	A	Ω	mH	mm
SQ79213A	1.8	2~36	100	0.40	20	20	26
			100	0.75	4.3	4.0	
SQ79213B	1.8	2~36	150	0.40	24	38	34
			150	0.75	5.8	9.5	
SQ79213C	1.8	2~36	200	0.50	18	25.5	40
			200	1.20	2.5	3.8	

Application:
·Industrial control
·Industrial Equipment
·Computer & Peripherals

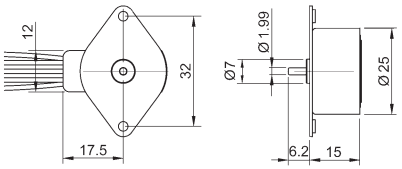




Item No.	Step angle	Rated voltage	Holding torque	Rated current	Winding resistance	Inductance	Motor Length
	Deg.	V	mN.m	A	Ω	mH	mm
SQ79215A	1.8	2~36	200	0.7	12	15	26
SQ79215B	1.8	2~36	260	0.4	30	37	34
			280	0.6	22	28	
SQ79215C	1.8	2~36	400	0.5	25	50	40
			400	1.0	4.5	10	

Application:
·Surveillance Camera
·Scanner
·Printer

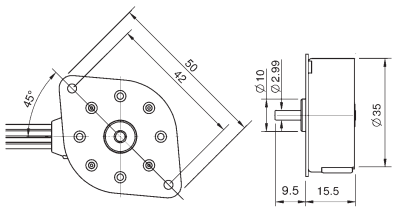




Item No.	Step angle	Rated voltage	Holding torque	Rated current	Resistance per phase	Excitation	Number of phase
	Deg.	V	g-cm	mA	Ω	Bipolar	phase
SQ79231A	7.5	24	240	350	10	2-2	4
SQ79231B	7.5	34	270	300	15.3	1-2	4

Application:
·Surveillance Camera
·Scanner
·Printer

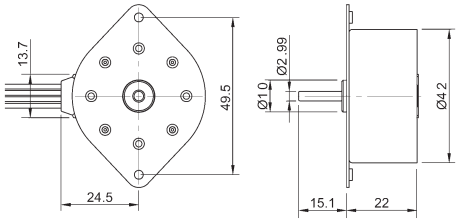




Item No.	Step angle	Rated voltage	Holding torque	Rated current	Resistance per phase	Excitation	Number of phase
	Deg.	V	g-cm	mA	Ω	Bipolar	phase
SQ79233A	3.75	24	240	390	10.9	2-2	2
SQ79233B	7.5	24	700	600	12.4	2-2	4

Application:
·Surveillance Camera
·Scanner
·Printer





Item No.	Step angle	Rated voltage	Holding torque	Rated current	Resistance per phase	Excitation	Number of phase
	Deg.	V	g-cm	mA	Ω	Bipolar	phase
SQ79235A	7.5	24	610	500	2.1	2-2	4
SQ79235B	7.5	24	1150	700	7.0	1-2	4

Universal USB/A type adaptor

SQ80002 x

AC plug
Item No.

· It is designed ultra-compact and light weight to provide fast and efficient charging solutions for cell phones or tablets at home, office, or on the road.



Specification:

Code	A	B	C	D
AC plug	US	EU	UK	Australia
Input voltage	100~240VAC (90~264VAC Min./Max.)			
Input frequency	50/60Hz Nom (47~63Hz Min./Max.)			
Inrush current	60A Max. at 25˚C and 230VAC			
Output	2A 5VDC (2A~2.4A @ 3.5V~4.75V, CV mode)			
Output power	10W Max.			
Earth leakage current	20uA @ 264VAC/50Hz			
Efficiency	>79% (@2A and 4-pt average)			
Withstand voltage	primary to secondary, 3000VAC, 1 minute			
Safety standard	UL /CUL /CE /CB /BSMI /PSE /NRCan			

Universal USB/A type quick charge 3.0 adaptor

SQ80004 x

AC plug
Item No.

· Tested and certified to QC3.0 standard.

· Automatic sensing and switching constantly at 3.6V-6V constant current mode (3A Max.) & 6.2V-12V constant power mode (18W Max.).

· It can power QC3.0-enabled devices efficiently to charge 4 times faster than conventional charging devices.



Specification:

Code	A	B	C
AC plug	US	EU	UK
Input voltage	100~240VAC (90~264VAC Min./Max.)		
Input frequency	50/60Hz Nom (47~63Hz Min./Max.)		
Inrush current	60A at 25˚C, cold start		
Output current	0~3A		
Output power	18W Max.		
Earth leakage current	20uA Max.		
Average efficiency	85.45%		
Withstand voltage	3000VAC, primary to secondary 10mA 1 min.		
Safety standard	UL /CCC /CE /CB /SAA /C-Tick		

Universal USB/C type adaptor

SQ80006 x

AC plug
Item No.

· Automatic sensing and switching between 5V & 12V output voltages to charge MacBok and Chromebook.

· It allows the USB 3.1 cable reversible plug in with USB 3.1/C type receptacle.



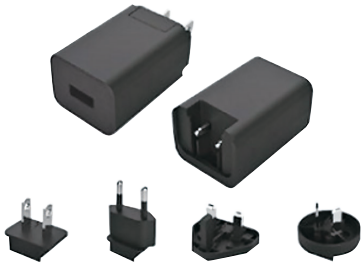
Specification:

Code	A	B
AC plug	US	EU
Input voltage	100~240VAC (90~264VAC Min./Max.)	
Input frequency	50/60Hz Nom (47~63 Hz Min./Max.)	
Inrush current	60A Max. @240VAC, cold start	
Output	5V mode: 3~3.6A @ 4.75~3.8V output 12V operate @OCP mode: 3.6A Max.	
Output power	18W Max.	
Earth leakage current	20uA Max.	
Average efficiency	5V/3A: >81.84% ; 12V/1.5A: >85.45%	
Withstand voltage	3000VAC, primary to secondary 10mA 1 min.	
Safety standard	IEC /EN /UL 60950 standard	

SQ80010

Universal USB/A type adaptor

· Interchangeable AC clips is the best choice for users to travel lightly and easily.



Specification:

AC plug	US, EU, UK, Australia
Input voltage	100~240VAC (90~264VAC Min./Max.)
Input frequency	50/60Hz Nom (47~63Hz Min./Max.)
Inrush current	35A Max. @264VAC (cold start @ ambient 25°C)
Output voltage	4.75~5.25VDC (without cable/wire @25°C)
Output current	0~2A
Output power	10W Max.
Earth leakage current	20uA Max.
Average efficiency	79% Min. @ 115V/230VAC
Withstand voltage	3000VAC, primary to secondary 10mA 1 min.
Safety standard	IEC60950-1, CB

Universal USB/A type adaptor

SQ80013 x

AC plug
Item No.

· Supports fast charging protocol.

· Surge, overcharging, overcurrent, overvoltage and overheating protection.

· Built-in intelligent IC to automatically identify devices.

· Suitable for mobile phones, tablets, consoles, and notebooks.



Specification:

Code	A	B	C
AC plug	US	EU	UK
Input voltage	100~240VAC (1.5A Max.)		
Input frequency	50/60Hz		
USB ports	USB/C type socket x 2, A type socket x1		
Output power	65W Max.		
USB/C output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A (65W Max.)		
USB/A output	5V/4.5A, 9V/3A, 12V/2.5A (30W Max.)		
Safety standard	CE /FCC		

SQ80017

Universal USB/A type adaptor

· With safety shutter of universal socket.

· Plug pins can be changed freely according to different area.

· Suitable for mobile phones, digital camera, MP3 player, iPad and iPhone.

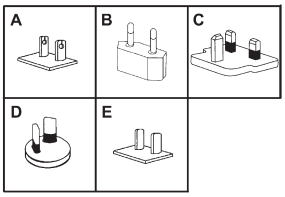


Specification:

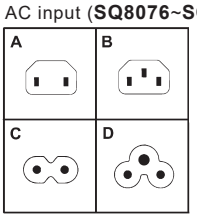
Input voltage	100~240VAC
Input frequency	50~60 Hz
Output current	2 USB ports: 2.1A 5VDC AC Outlet: 10A 250VAC or 2500W Max.
Withstand voltage	1250VAC
Safety standard	CE
Suitable area	125V: Taiwan, Japan, U.S.A., Canada 250V: Hong Kong, Singapore, Philippines, China, Malaysia, Thailand, E.U. Australia, New Zealand, U.A.E., England, Russia, South america

Medical power supply
SQ8070 x x (**SQ8070~SQ8079**)
- Output voltage
- AC input
- Item No.

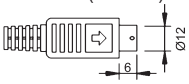
AC input (**SQ8070~SQ8075**)



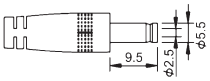
AC input (**SQ8076~SQ8079**)



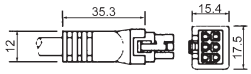
DC output (**SQ8077**)
12V&15V (4P DIN)



18V~48V



DC output (**SQ8079**)



Medical power supply 6W
SQ8070 x x (W/DC plug 2.1 x 5.5mm)
SQ8071 x x (W/DC plug 2.5 x 5.5mm)
- Output voltage
- AC input
- Item No.



Specification :

Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	0.19A~0.1A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	A: 68g B: 80g
Dimensions (mm)	A: 56 x 28 x 59 B: 56 x 28 x 59

Output voltage :

Model	Output V	Output A
A	5.0V	1.2A
B	6.0V	1.0A
C	7.5V	1.0A
D	9.0V	0.7A
E	12.0V	0.5A

Medical power supply 12W
SQ8072 x x (W/DC plug 2.1 x 5.5mm)
SQ8073 x x (W/DC plug 2.5 x 5.5mm)
- Output voltage
- AC input
- Item No.



Specification :

Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	0.32A~0.19A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	A,E: 140g B: 145g C: 148g D: 144g
Dimensions (mm)	A,E: 80.2 x 46 x 57.5 B: 80.2 x 46 x 68.7
	C: 80.2 x 49.6 x 62.7 D: 80.2 x 56 x 57.5

Output voltage :

Model	Output V	Output A
A	3.3V	2.00A
B	5.0V	2.00A
C	5.0V	3.00A
D	5.9V	2.00A
E	6.2V	2.00A
F	9.0V	1.20A
G	12.0V	1.00A
H	15.0V	0.80A
J	18.0V	0.67A
K	24.0V	0.50A

Medical power supply 20W
SQ8074 x x (W/DC plug 2.1 x 5.5mm)
SQ8075 x x (W/DC plug 2.5 x 5.5mm)
- Output voltage
- AC input
- Item No.



Specification :

Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	0.45A~0.3A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	A: 148g B: 143g C: 158g
Dimensions (mm)	A: 72x34x69 B: 72x34x90 C: 72x50x81

Output voltage :

Model	Output V	Output A
A	5.0V	3.50A
B	5.9V	3.00A
C	9.0V	2.22A
D	12.0V	1.67A
E	15.0V	1.33A
F	18.0V	1.11A
G	24.0V	0.83A
H	48.0V	0.42A

Medical power supply 90W
SQ8076 x x (W/DC plug 2.5 x 5.5mm)
- Output voltage
- AC input
- Item No.



Specification :

Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	1.2A~0.5A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	460g
Dimensions (mm)	A&B: 160x64x35 C&D: 151x64x35

Output voltage :

Model	Output V	Output A
A	12.0V	7.00A
B	15.0V	6.00A
C	18.0V	5.00A
D	19.0V	4.74A
E	24.0V	3.75A
F	48.0V	1.88A

Medical power supply 120W
SQ8077 x x
- Output voltage
- AC input
- Item No.



Specification :

Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	1.5A~0.7A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	A~D: 590g
Dimensions (mm)	A~D: 168 x 66 x 39

Output voltage :

Model	Output V	Output A
A	12.0V	9.00A
B	15.0V	8.00A
C	18.0V	6.67A
D	19.0V	6.32A
E	20.0V	6.00A
F	24.0V	5.00A
G	48.0V	2.50A

Medical power supply 250W
SQ8079 x x
- Output voltage
- AC input
- Item No.



Specification :

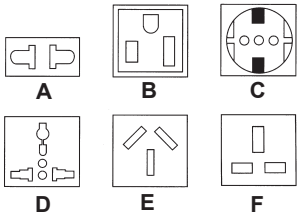
Input voltage	100~240VAC
Input frequency	50~60Hz
Input current	3.3A~1.3A
Dielectric withstand	4000VAC primary - secondary
EMC standard	IEC60601-1-2 : 2014 (edition 4.0)
	EN55011, EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
Weight (Ref.)	A&D: 1145g
Dimensions (mm)	A&D: 204 x 94 x 43.5

Output voltage :

Model	Output V	Output A
A	12.0V	20.00A
B	15.0V	16.66A
C	19.0V	13.15A
D	24.0V	10.40A
E	48.0V	5.21A

SQ8106 x (**SQ8106 ~ SQ81206**)
- x: AC output
- Item No.

AC output :

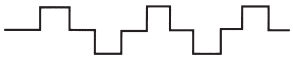


Protections :

Output short (by fuse)
Battery low shutdown
Battery polarity reverse (by fuse)
Over load
Over temperature

CE EMC tested LVD tested

Modified sine-wave :



Pure sine-wave (SQ81165~SQ81175) :



SQ8106C /D /E /F
300W 12V DC to AC inverter



Specification :

Output power	300W continue 350W (30 minutes) 600W for surge output	
Input voltage	DC 10V~15V	
Output voltage	AC 100V, 110V, 120V, 220V, 230V, 240V	
Efficiency	85%~90%	
Size (LxWxH)	165 x 88 x 74mm	
Weight	0.9kgs	
Output socket	European	one socket
	USA	two sockets

SQ8107A /B
300W 12V DC to AC inverter



SQ8110C /D /E /F
600W 12V DC to AC inverter



Specification :

Output power	600W continue 1500W for surge output	
Input voltage	DC 10V~15V	
Output voltage	AC 100V, 110V, 120V, 220V, 230V, 240V	
Efficiency	85%~90%	
Size (LxWxH)	213 x 200 x 70mm	
Weight	2kgs	
Output socket	European	one socket
	USA	two sockets

SQ8111A /B
600W 12V DC to AC inverter



SQ8112C /D /E /F
800W 12V DC to AC inverter



Specification :

Output power	800W continue 2000W for surge output	
Input voltage	DC 10V~15V	
Output voltage	AC 100V, 110V, 120V, 220V, 230V, 240V	
Efficiency	85%~90%	
Size (LxWxH)	280 x 200 x 70mm	
Weight	2.6kgs	
Output socket	European	one socket
	USA	two sockets

SQ8113A /B
800W 12V DC to AC inverter



SQ8114C /D /E /F
1000W 12V DC to AC inverter



Specification :

Output power	1000W continue 1200W (30 minutes) 2400W for surge output	
Input voltage	DC 10V~15V	
Output voltage	AC 100V, 110V, 120V, 220V, 230V, 240V	
Efficiency	85%~90%	
Size (LxWxH)	320 x 210 x 85mm	
Weight	3.3kgs	
Output socket	European	two sockets
	USA	three sockets

SQ8115A /B
1000W 12V DC to AC inverter



SQ81165A /B /C /D /E /F
1500W 12V DC to AC inverter
W/Bluetooth & 2 x USB QC3.0

App Store Google Play Bluetooth



Specification :

Item No.	SQ81165	SQ81175
Output power	1500W(conti.) 3000W(surge)	2500W(conti.) 5000W(surge)
Input voltage	DC 10V~15V	
Output voltage (Adjustable by APP)	EU : AC 220V, 230V, 240V USA : AC 110V, 120V, 127V	
Efficiency	>85%	
Size (LxWxH)	430x227x88mm	360x200x157mm
Weight	5.3kgs	7.5kgs
Output socket	European	two sockets
	USA	two sockets

SQ81175A /B /C /D /E /F
2500W 12V DC to AC inverter
W/Bluetooth & 2 x USB QC3.0

App Store Google Play Bluetooth



SQ81202C /D /E /F
150W 12V DC to AC inverter
W/USB connector



Specification :

Item No.	SQ81202	SQ81206
Output power	150W continue 300W for surge output	300W continue 350W (30 minutes) 600W for surge output
Input voltage	DC 10V~15V	
Output voltage	AC 220V, 230V, 240V	
USB power output	DC 5V 500mA Max.	
Efficiency	90%	
Size (LxWxH)	165 x 94 x 69mm	165 x 88 x 74mm
Weight	0.43kgs	0.9kgs
Output socket	one european socket	

SQ81206C /D /E /F
300W 12V DC to AC inverter
W/USB connector



SQ8125
Digital solar charge controller 10A



Specification :

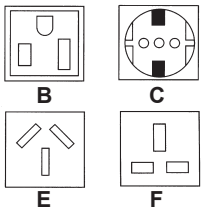
Item No.	SQ8125	SQ8126
Charging current	10A Max.	30A Max.
Solar cell power	150W Max.	400W Max.
Size (LxWxH)	140.5 x 104 x 31mm	181 x 104 x 31mm
Weight	205g	275g
Input voltage	DC 15.5~22V	
Temperature protection		
Safely control and protect 12V battery from overcharging		
Battery selector Sw. for charging gel or lead acid battery		

SQ8126
Digital solar charge controller 30A



SQ8130 x (**SQ8130 ~ SQ8145**)
x : AC output
Item No.

AC output :



Protection :

Output short protection
Low battery protection
High battery protection (exclude SQ8145)
Overload protection (exclude SQ8140)
Over temperature protection (exclude SQ8145)

Modified sine-wave
(for SQ8130~SQ8131)



Sine-wave (for SQ8140)
Pure sine-wave (for SQ8145)



SQ8130C /E /F
150W multicrystalline solar inverter
W/USB connector



Specification :

Output power	150W Max. 300W for surge output
Output voltage	AC 100V, 110V, 120V, 220V 230V, 240V
Efficiency	>90%
Solar cell voltage	DC 18V Max.
Solar cell current	DC 60mA Max.
Battery output voltage	DC 12V
Battery output current	DC 2.2A Max.
Size (LxWxH)	200 x 155 x 55mm
Weight	1.6kgs

SQ8131B
150W multicrystalline solar inverter
W/USB connector

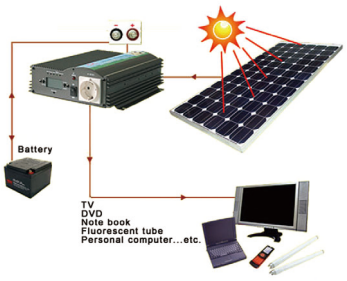


SQ8140B /C /E /F
300W 12V DC to AC power inverter



Specification :

Output power	300W continue 1000W for surge output
Input voltage	DC 16.5V~22V
Output voltage	AC 230V
Regulation	±10%
Charging current	30A Max.
Operating temperature	0˚C~40˚C
Storage temperature	-10˚C~70˚C
Size (LxWxH)	297 x 242 x 80mm
Weight	3.3kgs

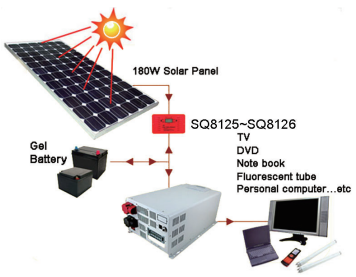


SQ8145B /C /E /F
800W AC to AC inverter & charger W/solar power source

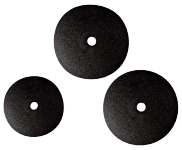


Specification :

Capacity	1KVA/800W
Input voltage	AC 110V or AC 220V
Output voltage	AC 220V (AC 230V or 240V resettable via LCD panel)
Operation temperature	0~40˚C
Battery voltage	DC 12V
Battery charging current	>40A Max.
Transfer time	<8ms (typical)
Size (LxWxH)	440 x 290 x 132mm
Weight	14kgs



ST80002A /B
13.56MHz RFID token tag



Code	A	B
Size	20Ø	30Ø
Thickness	3.0mm	3.3mm
Read range	3cm Min.	5cm Min.
Hole size	3Ø	
Color	black	
Material	ABS	
Protection degree	IP68	
Operating Temp.	-20°C ~ +60°C	
Storage Temp.	0°C ~ 30°C	
ISO standard	ISO 14443A, ISO 15693	
Weight	2.45g	3.0g

ST80030 125KHz RFID clamshell card
ST80035 13.56MHz RFID clamshell card



Item No.	ST80030	ST80035
Read range	up to 15cm	up to 6cm
Color	white	
Material	PVC + ABS	PVC
Operating Temp.	-20°C ~ +55°C	
Storage Temp.		20°C ~ +55°C
ISO standard		ISO 14443A
Size	85.6x54x1.9mm	
Weight	9.4g	5.6g

ST80010A /B /C 125KHz RFID proximity token tag
ST80012 B /C 13.56MHz RFID proximity token tag



Code		A	B	C
Size		21.5Ø	30Ø	32Ø
Thickness		3.0mm	3.4mm	3.0mm
Read range	125KHz	8cm	12cm	12cm
	13.56MHz	-	5cm	5cm
Color		blue, black, gray, yellow, red		
Material		ABS		
Protection degree		IP68		
Operating Temp.		-20°C ~ +65°C		
Storage Temp.		0°C ~ 30°C		
Weight		1.5g	2.8g	3.2g

ST80039
125KHz & 13.56MHz RFID proximity card



Type	EM & Mifare S50
Color	white
Material	PVC
Protection degree	IP66
Operating Temp.	-20°C ~ +55°C
Size	85.6 x 54 x 0.8mm
Weight	5.6g

ST80015
125KHz RFID proximity security tag



Read range	up to 15cm
Color	gray, white
Material	ABS
Protection degree	IP66
Operating Temp.	-20°C ~ +60°C
Storage Temp.	-20°C ~ +60°C
Size	Ø34.6 x 6.4mm
Weight	4.7g

ST80040 125KHz RFID wristband tag
ST80045 13.56MHz RFID wristband tag



Item No.	ST80040	ST80045
Read range	10cm	3 ~ 5cm
Color	white / black / blue / red	
Material	silicon	
Protection degree	IP66	IP68
Operating Temp.	-20°C ~ +80°C	
Storage Temp.	0°C ~ 30°C	
ISO standard		ISO 14443A
Size	178x36.4x20mm	216x36.4x20mm
Weight	12.8g	11.9g

ST80020
125KHz RFID keychain tag



Read range	up to 12cm
Color	blue, gray
Material	ABS
Protection degree	IP66
Operating Temp.	-40°C ~ +60°C
Storage Temp.	0°C ~ 30°C
Size	36.4 x 30.1 x 7.45mm
Weight	4.3g
Key-ring weight	8g

ST80047
13.56MHz RFID wristband tag



Read range	3 ~ 5cm
Color	white, black, red
Material	Fabric + Velcro
Tag material	ABS + PVC
Protection degree	IP66
Operating Temp.	-20°C ~ +75°C
Storage Temp.	0°C ~ 30°C
ISO standard	ISO 14443A
Size	178 x 36.4 x 20mm
Weight	13g

ST80025
13.56MHz RFID keychain tag



Read range	up to 5cm (depend on reader)
Color	blue, black, green, purple, red
Material	ABS
Protection degree	IP66
Operating Temp.	-40°C ~ +60°C
Storage Temp.	0°C ~ 30°C
ISO standard	ISO 14443A / ISO 15693 / NFC
Size	38.6 x 34.5 x 6.5mm
Weight	4.4g
Key-ring weight	7.4g

ST80070
13.56MHz NFC tag



Size	21Ø
Transmission	passive
Antenna substrate	PET
Antenna material	copper
Tube material	ABS
Tube size	3 inch
Operating Temp.	-20°C ~ +80°C
Storage Temp.	0°C ~ 30°C
ISO standard	ISO 14443A

ST80027
13.56MHz RFID keychain tag



Read range	up to 5cm (depend on reader)
Color	gray
Material	ABS + PPS
Protection degree	IP66
Operating Temp.	-40°C ~ +60°C
Storage Temp.	0°C ~ 30°C
ISO standard	ISO 14443A / ISO 15693 / NFC
Size	28.0 x 44.6 x 6.24mm
Weight	4.2g
Key-ring weight	8g

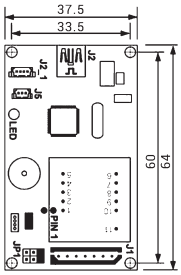
ST80080
13.56MHz NFC tag



Read range	up to 3cm (depend on reader)
Color	Customized color available
Material	PVC + Poly
Protection degree	IP68
Operating Temp.	-20°C ~ +55°C
Storage Temp.	0°C ~ 30°C
ISO standard	ISO 14443A
Size	52 x 25 x 2mm
Weight	1.2g
EEPROM memory read times / retention	about 10 million times / about 10 years
Set a password	Yes

ST80100
125KHz ASK RFID EM module starter kit W/O antenna



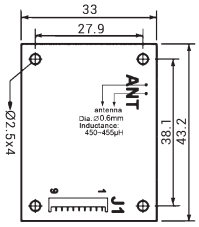


Features
- With indicating power & status LED
- With buzzer for sound warning
- Supporting multi-cable wiring connection (7pin, 3pin, mini USB cable) convert into multi-interface output for testing
- No need to install driver (keyboard emulator)
- With 4 fixed holes around the corner

Specificatons
- Power input: 5VDC
- Standby current: 37mA ±10% @ 5VDC
- Operating current: 40mA ±10% @ 5VDC
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Output format: Wiegand, ABA, RS-232, USB

ST80102
125KHz FSK RFID H.I.D. module W/O antenna

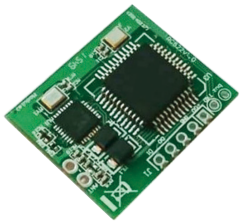


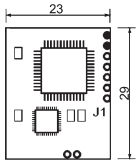


It is ultra-low power modules designed to operate from 4V to 9V. At its lower power setting is consumes just 15μA making these modules the perfect low power alternative to conventional readers. The modules support Wiegand 25~40 data formats and able to read H.I.D. or compatible cards and ideal for fixed and portable applications.

Specificatons
- Power input: 4V ~ 9VDC
- Reading range: 30mm @ 4VDC
  35mm @ 9VDC
- Standby current: 10 ~ 15μA
- Operating current: 21.3 ~ 23.8mA
- Operating Temp.: -30°C to +65°C
- Storage Temp.: -40°C to +85°C
- Applicable cards: H.I.D. or compatible card
- Output format: Wiegand 25~40 bits

ST80110
13.56MHz RFID Felica / Mifare (UID) module W/O antenna





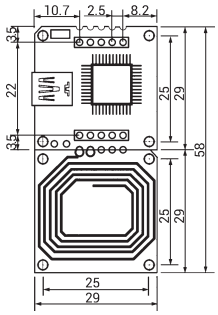
This is designed in accordance with Felica ISO 18092 (UID) & Mifare ISO 14443A (UID) standard to read the contact less smart card. It is easy to use as Mifare card reader via UART (TTL) interface communicated with PC. It is designed for low cost and high security as well as convenience and reliability.

Features
- SDK simplifies various RFID product developments
- High data integrity
- High speed data transfer

Specificatons
- Power input: 5VDC
- Reading range: Depending on tag size & type, and antenna size
- Standby current: 65mA ±10% @ 5VDC
- Operating current: 65mA ±10% @ 5VDC
- Operating Temp.: -10°C to +70°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight, Felica or compatible card
- Output format: UART (TTL)

ST80112
13.56MHz RFID Felica / Mifare (UID) module W/antenna

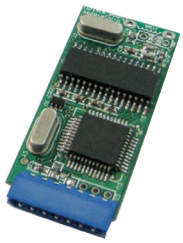


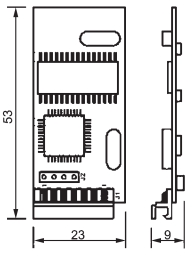


Features
- Support Felica ISO 18092 (UID) & Mifare ISO 14443A (UID)
- Antenna can be replaced upon request
- Supply firmware modification accords to request of special function
- High speed data transfer and high integrity
- With fixed holes around the corner

Specificatons
- Power input: 5VDC
- Reading range: 4cm Max. / card (t:0.8mm)
  3cm Max. / tag
- Standby current: 43mA ±10% @ 5VDC
- Operating current: 50mA ±10% @ 5VDC
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight, Felica or compatible card
- Output format: Wiegand 26 bits, UART (TTL), USB
- Material: PCB only
- Transmission Spec.: 9,600 bps N, 8, 1

ST80114
13.56MHz RFID Mifare read & write module W/O antenna



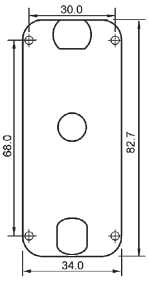


Features
- SDK simplifies various RFID product developments
- ISO 14443A
- High speed data transfer
- High data integrity
- Anti-collision
- Manchester coding

Specificatons
- Power input: 4.5V ~ 5.4VDC
- Reading range: Depending on tag size & type, and antenna size
- Operating Temp.: -10°C to +75°C
- Storage Temp.: -20°C to +85°C
- Applicable cards: Mifare S50 / S70, Ultralight or compatible card
- Output format: Wiegand 26 bits, ABA, RS232

ST80116
13.56MHz RFID Mifare access control module W/antenna



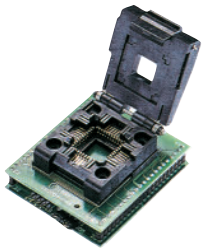


Features
- Low cost with effective performance
- Compact size for designing in all kinds of products
- 64 legal cards can be registered thru simple learning
- Setting for access / security / open-door functions
- No any computer is need
- With dry contact (form A relay)

Specificatons
- Power requirement: 6V ~ 12VDC / 80mA
- Reading range: 5 ~ 7cm
- Supported tag-ICs: Mifare S50 / S70, easy card or compatible card

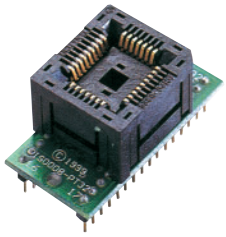
Applications
- Low cost access controller
- Arm / disarm for security system
- Door access paired with intercom
- Coffer
- Any access control applications by Mifare card

ST8200xx
PLCC socket to DIP adapter



Part No.	Description	Adaptable
CC	20 pin PLCC socket to 20 pin DIP	all programmers
FF	32 pin PLCC socket to 32 pin DIP	all programmers
II	44 pin PLCC socket to 44 pin DIP	ST82203

ST8201xx
PLCC socket to DIP adapter



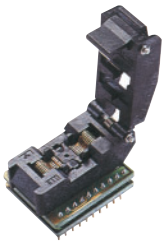
Part No.	Description	Adaptable
FF	32 pin PLCC socket to 32 pin DIP	all programmers
II	44 pin PLCC socket to 44 pin DIP	ST82203

ST8203xx
SOP socket to DIP adapter



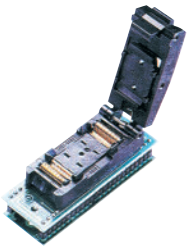
Part No.	Description	Adaptable
AA	8 pin SOP socket to 8 pin DIP	all programmers
BB	16 pin SOP socket to 16 pin DIP	all programmers
CC	20 pin SOP socket to 20 pin DIP	all programmers
EE	28 pin SOP socket to 28 pin DIP	all programmers
FF	32 pin SOP socket to 32 pin DIP	all programmers
GG	40 pin SOP socket to 40 pin DIP	all programmers
II	44 pin SOP socket to 44 pin DIP	all programmers

ST8205xx
SSOP socket to DIP adapter



Part No.	Description	Adaptable
BB	16 pin SSOP socket to 16 pin DIP	all programmers
EE	28 pin SSOP socket to 28 pin DIP	all programmers

ST8207xx
TSOP socket to DIP adapter



Part No.	Description	Adaptable
AA	8 pin TSOP socket to 8 pin DIP	all programmers
EE	28 pin TSOP socket to 28 pin DIP	all programmers
GG	40 pin TSOP socket to 40 pin DIP	ST82203

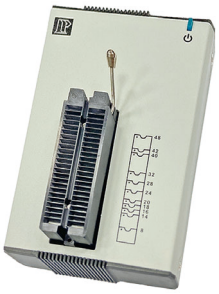
ST8211xx
TSSOP socket to DIP adapter



Part No.	Description	Adaptable
AA	8 pin TSSOP socket to 8 pin DIP	all progremmers
CC	20 pin TSSOP socket to 20 pin DIP	ST82203

ST82202
Pocket universal programmer
- Portable mini size, without socket. You just need to connect with USB cable to use. No additional power supply.
- Provide with DUT 75MHz bandwidth and < ±2.5nS signal skew. In addition to the high processing speed, you can verify whether the ICs processing frequency meets the specifications.
- Via USB HUB, you can connect multiple LEAPER-56s to do gang programming. It makes development and mass production proficient.
- Provide with DUT device pin checking and memory components ID verification. Ensure the best yield rate of processing.
- Dimension : 136 x 90 x 20 mm
- Weight : 0.4 kgs

Support devices
- NOR FLASH, SPI, EPROMs, EEPROMs, MPU, MCU, CPLD, NV RAMs



ST82204
Handy PIC programmer
- Low-cost development KIT supports PIC 14000, PIC 16/17 MCUS
- Operates with PC-compatible host system running windows under MPLAB environment
- Reads, programs, verifies EPROM and EEPROM program and data memory
- Dimension : 160 x 110 x 45 mm
- Weight : 0.5 kgs

Support devices
- PIC 12CXXX, PIC 14000,
  PIC 16C5X, PIC 16C5XX,
  PIC 16C6X, PIC 16C6XX,
  PIC 16C7X, PIC 16C7XX,
  PIC 16C8X, PIC 16C9X,
  PIC 17CXX, PIC 17CXXX



ST82205
Handy E/EPROM programmer
- Two types of high efficient work modes :
  1.Stand-along mode : operate with 5 function keys :
  (1) function set
  (2) IC type select
  (3) blank check
  (4) verify and check sum
  (5) program
  2.PC based mode : transmit data via printer port, able to connect to any IBM compatible PC, notebook
- Software operation contains : type/read/check/program/verify/ disk/help/process/parameter
- Support file format : Binary and machine code, Intel HEX & 80 / 86 HEX, motorola HEX
- Dimension : 160 x 110 x 45 mm
- Weight : 0.5 kgs

Support devices
- EPROM 2732-27080
- EEPROM 2817, 2864, 28256, 28010
- FLASH EPROM 28F256-28F020, 28F4000, AT29C256-AT29C040, AM29F010-AM29F040
- SRAM 6264-628512



ST82210
Handy digital IC tester
- Supported device : 74 / 40 / 45 / Driver serial
- Average search time : 0.6 seconds
- Display : 16 characters in 1 line LCD
- Test pins : 14 to 24 pins
- Equipped with empty-load test and the function of auto power off
- Dimension : 160 x 110 x 45 mm
- Weight : 0.31 kgs

Testable devices
- TTL 74, CMOS 40 / 45 Driver



ST82211
Handy linear IC tester
- Average search time : 0.8 seconds
- Display : 16 characters in 1 line LCD
- Test pins : 14 to 24 pins
- Equipped with empty-load test and function of auto power off
- Dimension : 160 x 110 x 45 mm
- Weight : 0.34 kgs

Testable devices
- OP, operational amplifiers, OPTO, comparattors, REG, N555 series, transistor array



ST82220
EPROM eraser
- Equipped with electronic starter, extend the life of U-V tube
- The timer can be set from 0 to 60 minutes
- Powerful U-V tube, all ICS are ensure for maximum U-V exposure
- Dimension : 240 x 85 x 95 mm
- Weight : 1.2 kgs

Standard accessories
- Main unit
- DC 9V / 500mA power adaptor
- Operation manual



ST82250
Lantest kit (network / modular cable tester)

Features
· Can test the correct pin configuration of 10 BASE-T cables, 10 BASE-2 cables, RJ45/RJ11 modular cables, 356A, TIA-568A/568B and token ring cables
· With remote kit, it can remotely test cable up to 1000ft away
· Auto and manual scans can be selected
· Power : DC 9V battery

Accessories
· Includes
1 master box
1 remote box
2 BNC adapter cable (15cm)
1 BNC m/m adapter
1 RJ45 modular cable (15cm)
1 deluxe carrying bag



ST82251
Multi-network cable tester

Features
· It is specified to quickly test by auto scanning the wires continuity miswiring and polarization of thin Ethernet (BNC/TNC), 10 Base-T (UTP/STP) AT & T 258A, TIA 568A/B, Token Ring and USOC4/6/8 modular cable
· Power : DC 9V battery

Accessories
· Includes
1 master box
1 remote box
1 BNC m/m adapter



ST82252
Multi online active network tester

Features
· Displays the Ethernet port status : identifies speed up to Giga (10/100/1000)
· Ping default router, DNS server and user defined device
· Scans and lists all the PC host with IP address and computer host name or MAC address
· PC Host service detects:HTTP / Telnet / DHCP / FTP and SNMP services
· Measures cable length without remote of Cat 5, Cat 5e, Cat 6 and Cat 7 cable
· The tone generator function sends 1KHz tone on all pins with 4 special tonalities (The digital generator function sends single tone and dual tone)
· Automatically detects POE devices and voltage
· Power : 4 x AAA batteries
· Dimension : 110 x 78 x 31.0 mm (master)
44 x 32 x 28.5 mm (remote)
· Weight : 145g



ST82254
Network cable tester

It is designed to test the most commonly used cables in a residential / home office environment. It can be used to determine wiring faults in network, phone, cable TV, and home security system cables, either before or after installation.

Features
· Pass / fail coaxial test
· Remote unit for one person testing
· Compact and light-weight design for easy storage
· Pin to pin wire mapping for RJ45, Cat 5, Cat 5e, Cat 6 and Cat 7 cable
· Interface : RJ45, F connector
· Cable identify : open, short , mis-wire



ST82255
LANID Pro network tester

Features
· Comply with IEEE802.3 Ethernet standard PHY in high speed auto communication protocol
· Power auto off function can reduce battery power loss
· Display current online status by LED
· RJ45 connector can be connected with standard network equipment
· Easy to carry and use with pen style design
· Identifies the port speed up to 100
· With port-finder function to sends discontinuity auto-negotiation signal to communicated with hub / switch. The corresponding LED indicator on the hub / switch panel will blink.
· Operating Temp. : 0°C to 70°C
· Power : 2 x AAA batteries
· Dimension : 215 x 38 x36 mm
· Weight : 106.3g



ST82256
Tone generator & probe kit

Features
· 2 position button for single tone or dual tone signal
· Toggle switch to control 3 modes of operation
· 3 color LED indicator display for telephone line polarity, continuity and voltage testing
· Black and red alligator clips and standard RJ11 plug to test individual wire or RJ11 jack
· Special inductive plastic tip, which prevents accidental shorts when using near high voltage devices
· Traces and identifies wires or cable in a bundle or group without damaging cable insulation
· Adjustable volume level for various work environments
· Power switch to prevent battery drain
· Power : DC 9V battery
· Dimension : 115 x 63 x 26mm
· Weight : 190g



Multi function PC cable tester

A specially designed multi function cable tester that tests and analyzes a comprehensive range of PC connector types and the most commonly used flat cables. It includes wire mapping function to test each pins connection to identify opened, shorted, crossed and mis-wires. It also shows pin-to-pin connectivity, and can save up to 100 test results. With an integrated LCD display (with back light function), users can clearly determine the cable pin wiring easily and efficiently. The crucial data can be saved and uploaded to a PC via USB interface for analysis.

Features
- Identify opened, shorted, crossed and mis-wires connectivity
- Support 18 (ST822605) / 17 (ST82261) types of PC connectors
- 100 test results can be saved and transferred to PC via USB interface
- Includes test cable, browse and quick test function
- Low battery indicator

Specification
- Display : LCD size, 2 rows - 16 characters and backlight
- Control switch: On/off, up, down, save, delete, back, enter
- Power : DC 9V battery compartment or USB interface for power supply (adapter not included)
- Dimension : 250 x 138 x 44 mm
- Weight : 802.7g (ST822605) / 780g (ST82261)

ST822605





Interface ports

Connector	Suitable cable
IDC40	40 pin IDE cable
IDC34	34 pin IDE cable
DVI24+5	24+5 pin DVI cable
HDB15 female	VGA HDB15 pin cable(male)
HDB15 male	VGA HDB15 pin cable(female)
DB9 female	DB9 pin cable(male)
DB9 male	DB9 pin cable(female)
COAX	COAX cable
BNC	BNC cable
RJ-11	RJ-11 telephone cable (6P6C/6P4C)
RJ-45	RJ-45 network cable (8 pin+shielding)
1394 6P socket	1394 6P to 6P cable
1394 4P socket	1394 4P to 4P cable
SATA	SATA to SATA cable
USB 2.0/AB	USB 2.0/AM to AM cable, USB 2.0/AM to BM cable, USB 2.0/BM to BM cable
HDMI	HDMI to HDMI cable
RCA	RCA to RCA cable

ST82261





Interface ports

Connector	Suitable cable
IDC40	40 pin IDE and 80 pin ultra IDE cable
IDC40 extension	40 pin IDE cable
HDB15 female	VGA HDB15 pin cable(male)
HDB15 male	VGA HDB15 pin cable(female)
Audio	Stereo audio cable (3.5Ø)(3 pin)
RJ-11	RJ-11 telephone cable (6P6C/6P4C)
RJ-45	RJ-45 network cable (8 pin+shielding)
e-SATAp	e-SATA to e-SATA cable, e-SATA to SATA cable, power e-SATA to power e-SATA
SATA	SATA to SATA cable, e-SATA to SATA cable
DisplayPort	DisplayPort cable
USB 3.0/A	USB 3.0/AM to AF extension cable, USB 2.0/AM to AF extension cable, USB 3.0/AM to BM cable, USB 2.0/AM to BM cable USB 3.0/A to micro/B (5+5 pin), USB 2.0/A to micro/BM (5 pin) USB 2.0/A to micro/AM (5 pin), USB 2.0/A to mini/B cable
USB 3.0/B	USB 3.0/AM to BM cable, USB 2.0/AM to BM cable USB 2.0/A to micro/BM (5 pin)
Micro USB/AB	USB 3.0/A to micro/B (5+5 pin), USB 3.0 micro/A to micro/B, USB 2.0/A to micro/AM (5 pin)
Mini USB/B	USB 2.0/A to mini/B
HDMI	HDMI to HDMI cable, HDMI to mini HDMI cable, HDMI to micro HDMI cable
Mini HDMI	HDMI to mini HDMI cable
Micro HDMI	HDMI to micro HDMI cable

ST83010
Auto-ranging pocket multimeter
(3 1/2 digits 2000 counts)



Specification
· Super slim & light design
· Auto range & manual range
· Auto power off selection
· Max. / data hold
· DCV : 0-200mV ±0.7% 2 / 20 / 200 / 600V ±1.3%
· ACV : 0-2 / 20 / 200 / 600V ±2.3%
· Resistance : 0-200Ω / 2 / 20 / 200KΩ ±2% 2MΩ ±5% 20MΩ ±10%
· Diode test function
· Continuity : <60Ω±20Ω
· Low battery indicator
· Overload indicator : OL display
· Sampling rate : 3 times / sec.
· Dim. : 110 (H) x 56 (W) x 11.5 (D) mm
· Leather case

ST83015
Auto-ranging pocket multimeter
(3 3/4 digits 4000 counts)



Specification
· Auto power off selection
· Extra loud audible beeper
· DCV : 0-400mV ±0.7% 4 / 40 / 400 / 600V ±1.3%
· ACV : 0-4 / 40 / 400 / 600V ±2.3%
· Resistance : 0-400Ω / 4 / 40 / 400KΩ ±2% 4MΩ ±5% 40MΩ ±10%
· Capacitance : 0-4 / 40 / 400nF / 4μF ±5% 40 / 200μF ±10%
· Frequency : 9.999 / 99.99 / 999.9Hz / 9.999 / 99.99KHz ±0.7%
· Relative measurement function
· Diode test function
· Continuity : <100Ω
· Low battery indicator
· Overload indicator : OL display
· Sampling rate : 3 times / sec.
· Dim. : 121 (H) x 68 (W) x 20 (D) mm

ST83016
Auto-ranging pocket multimeter
(3 3/4 digits 4300 counts)



Specification
· Auto power off selection
· DCV : 0-400mV ±1.2% 4V±0.7% 40 / 400 / 600V ± 1.2%
· ACV : 0-4 / 40 / 400 / 600V ±2%
· Resistance : 0-400Ω / 4 / 40 / 400KΩ ±1.2% 4MΩ ±2% 40MΩ ±5%
· Capacitance : 0-20nF / 200nF / 2μF ±2% 20μF / 200μF ±10%
· One touch to zero set for capacitor
· Diode test function
· Continuity test : <50Ω±2Ω
· Low power consumption
· Low battery indication
· Overload indicator : OL display on LCD & beep
· Sampling rate : 2 times / sec.
· Dim. : 117 (H) x 76 (W) x 18 (D)mm

ST83017
Hand held multimeter
(3 1/2 digits 2000 counts)



Specification
· DCV : 0-200mV / 2 / 20 / 200 / 600V ±0.5%
· ACV : 0-200mV / 2 / 20 / 200V ±1% 600V ±1.9%
· DCA : 0-2 / 20 / 200mA ±1% 10A ±3%
· ACA : 0-2 / 20 / 200mA ±2% 10A ±3.5%
· Resistance : 0-200Ω / 2 / 20 / 200 / 2000KΩ ±0.8% 20MΩ ±3%
· Capacitance : 0-2000pF / 20 / 200nF / 2μF / 20μF ±2.0%
· Frequency : auto-ranging up to 20MHz ±0.1%
· Diode test function
· Audible continuity check function
· hFE test function
· 500VDC / 500VAC rms overload protection in diode, ohm, frequency, continuity
· Dim. : 151 (H) x 70 (W) x 38 (D) mm
· Soft carrying case

ST83024C
Ruggedized multimeter
(3 1/2 digits 2000 counts)



Specification
· DCV : 0-20V ±2%
· Resistance : 0-200Ω / 2 / 20 / 200 / 2000KΩ±0.3% 20MΩ±2% 200 /2000MΩ±5%
· Capacitance : 0-200pF / 2 / 20 / 200nF / 2 / 20μF±2% 200μF to 20mF±3%
· Inductance : 0-200μH / 2 / 20 / 200mH / 2 / 20H ±5%
· Frequency : auto-ranging up to 15MHz ±0.1%
· Temp. : -20˚C~500˚C ±2% 500˚C~750˚C ±3%
· Diode test function
· Continuity: <30 digits
· Signal output function
· 25VDC / 25VAC rms overload protection in DCV, diode, signal output, frequency
· Dim. : 200 (H) x 90 (W) x 40 (D) mm
· Holster

ST83037
Auto-ranging multimeter
(3 1/2 digits 2000 counts)



Specification
· 1000 Hours battery life
· DCV : 0-200mV ±2% 2 / 20 / 200 / 600V ±0.5%
· ACV : 0-2 / 20 / 200 / 600V ±1%
· DCA : 0-2 / 200mA ±1% 10A ±3%
· ACA : 0-2 / 200mA ±1.5% 10A ±3.5%
· Resistance : 0-200Ω / 2 / 20 /200 / 2000KΩ ±0.8% 20MΩ ±3%
· Diode test function
· Continuity : <700Ω
· 500VDC / 500VAC rms overload protection in diode, ohm, continuity
· Dim. : 132 (H) x 73 (W) x 34 (D) mm
· Soft carrying case

ST83050T
Professional auto-ranging multimeter
(3 3/4 digits 4300 counts)



Specification
· Provides : auto-hold
· Auto range & manual range
· Auto power off to preserve battery life
· DCV : 0-400mV / 4V ±0.5%
40 / 400 / 600V ±0.75%
· ACV : 0-4 / 40 / 400 / 600V ±1%
· DCA : 0-400 / 4000μA / 40 / 400mA ±1%
10A ±2%
· ACA : 0-400 / 4000μA / 40 / 400mA ±2%
10A ±2.5%
· Resistance : 0-400Ω / 4 / 40 / 400K
±0.75% 4MΩ ±2% 40MΩ ±5%
· Diode test function
· Continuity : ≤50Ω±20Ω (buzzer on)
· Overload protection
· Protection from big current
· Low battery indicator
· High accuracy
· Dim. : 155 (H) x 74 (W) x 31 (D) mm

ST83250T
True RMS multimeter
(3 5/6 digits 6700 counts)



Specification
· Provides : auto, data-hold
· Auto range & manual range
· Auto power off to preserve battery life
· DCV : 0-67 / 670mV / 6.7 / 67 / 670 /
1000V ±0.09%
· ACV : 0-67 / 670mV / 6.7 / 67 / 670V
±0.8% 1000V ±1% on 40 to 1000Hz
· DCA : 0-670 / 6700μA / 67 / 670mA
±0.2% 6.7 / 10A ±0.5%
· ACA : 0-670 / 6700μA / 67 / 670mA /
6.7 / 10A ±0.6% on 40 to 1000Hz
· Resistance : 0-670Ω / 6.7 / 67 / 670KΩ
±0.5% 6.7MΩ ±1.5% 67MΩ ±1.8%
· Capacitance : 0-20nF ±1.5% 200nF /
2 / 20 / 200μF ±1.2% 2mF ±1.5%
30mF ±2%
· Frequency : auto-ranging up to 300KHz
±0.1%
· Temp. : -200˚C~1370˚C ±0.5%
-328˚F~2498˚F ±0.5%
· dB V / dB m : -54~-3(dBV) -13~60(dBV)
±0.15dB V -52~-1(dBm) -11~62(dBm)
±0.15dB m on 40 to 1000Hz
· Diode test function
· Continuity : <30Ω±3Ω (buzzer on)
· Overload protection with audible alarm
· Zero set for capacitance
· Simultaneous display of measuring and
meter interior temperature
· Dim. : 188 (H) x 95 (W) x 52 (D) mm

ST83099
AC / DC clamp-on multimeter
(3 3/4 digits 3999 counts)



Specification
· Auto-ranging selection operation
· Ranges selective function
· Peak, Max., zero, data hold function
· DCV : 400mV / 4 / 40 / 400 / 600V
±0.25% (auto)
· ACV : 4 / 40 / 400 / 600V ±0.75%
50 / 60Hz, ±2% 40 / 500Hz (auto)
· DCA : 400 / 700A ±1.5%
· ACA : 400 / 700A ±1.75%
50 / 60Hz, ±3.5% 40 / 500Hz
· Resistance : 0-400Ω / 4 / 40 / 400KΩ
±0.3% 4000KΩ ±0.5% 40MΩ ±2%
(auto)
· Capacitance : 0-4 / 40 / 400nF / 4μF
±3% 40μF ±6%
· Frequency : auto-ranging up to 500KHz
±0.1%
· Diode test function
· Continuity : <40Ω±20Ω (audible
indication)
· 600VDC / 600VAC rms overload
protection in diode, ohm, frequency,
continuity
· Dim. : 250 (H) x 100 (W) x 46 (D) mm
· Hard carrying case

ST839002
AC/DC clamp-on multimeter
(3 3/4 digits 3999 counts)



Specification
· Provides: data-hold, relative (zero Δ)
· Auto power off to preserve battery life
· DCV : 400mV / 4 / 40 / 400 / 600V
±0.5%
· ACV : 400mV / 4 / 40 / 400 / 600V
±1%
· DCA : 400A / 600A ±1.5%
· ACA : 400A / 600A ±1.5% on 50 to
60Hz, ±3.5% on 40 to 500Hz
· Resistance : 0-400Ω / 4 / 40 / 400KΩ /
4MΩ ±1% 40MΩ ±3%
· Capacitance : 0-40 / 400nF / 4 / 40
100μF ±3%
· Frequency : auto-ranging up to 5MHz
±0.1%
· Diode test function
· Continuity : <5Ω (threshold)
· 600VDC / 600VAC rms overload
protection in diode, ohm, frequency,
capacitance, continuity
· Dim. : 233 (H) x 80 (W) x 43 (D) mm
· Hard carrying case

ST83950
Coating thickness gauge gun-type
(3 1/2 digits 2000 counts)



Specification
· Range: 0 to 40.0mils (0 to 1000μm)
· Resolution: 0.1mils/1μm
· Response time: 1 second
· Accuracy: ±(4dgts) on 0 to 7.8mils
±(10dgts) on 0 to 199μm
±(3%+4dgts) on 7.9mils to 40mils
±(3%+10dgts) on 200μm to 1000μm
· On-line display selects AVG. / MAX. /
MIN. / MAX.-MIN.
· Operation environment: 0°C to 40°C at
<90% R.H.
· Storage Temp.: -20°C to 60°C, 0 to 80% R.H.
· Accuracy: Stated accuracy at 23°C±5°C,
<75% R.H.
· Auto power off: 15 seconds
· Low battery indicator
· Dim.: 148 (H) x 105 (W) x 42 (D) mm

ST83955
Manometer
(3 1/2 digits 2000 counts)



Specification
· Range: 0-140" water column
· Accuracy: ±2.0% full scale
· Resolution: 0.01" / 0.1"
· Operation Temp.: 32°F to 105°F
· Operation R.H.: 15 to 90%RH,
non-condensing
· Polarity: Automatic, positive implied,
negative polarity indication
· Measurement rate: 2.5 times
· Storage Temp.: -20°C to 60°C, 0 to 80% R.H.
· Accuracy: Stated accuracy at 23°C±5°C,
<75% R.H.
· Low battery indicator
· Dim.: 173.5 (H) x 65.5 (W) x 35 (D) mm

ST83982
Digital sound level meter



- Auto ranging
- Fast & slow response
- Record Max. / Min.
- Max. hold function
- Background noise absorber
- Applicable standards : IEC651 type 2
  ANSI S1.4 type 2
- Analog output : AC 1 Vrms
  DC 10mV/dB
- Meas. Freq. range : 31.5Hz-8000Hz
- Accuracy : ±1.5dB
- Meas. level A weighting : 30dB - 130dB
  C weighting : 35dB - 130dB
- Measurement level range :
  3 ranges in 10dB step :
  30 ~ 80dB, 50 ~ 100dB, 80 ~ 130dB
- Auto range : 30 ~ 130dB
- Operation Temp. : 5 ~ 40˚C, below 80%RH
- Storage Temp. : -10 ~ 60˚C
- Big LCD : 3 1/2"
- Mic. : 1/2" Dia. Elect. condenser microphone
- Dim. : 280 x 80 x 32 mm
- Standard accessories :
  instruction, 9V battery, carrying case, Ø3.5mm plug, screwdriver

ST839825
Carbon monoxide



- Range: 0 to 1000PPM (2000PPM with 5 minute max exposure time.)
- Sensor calibration: Factory calibrated on 205ppm
- Sensor type: Electrochemical (specific to CM)
- Initial accuracy: ±5% of reading ±5PPM
- Response time: <70 sec. to 90% of reading
- Operation Temp.: 32°F to 105°F
- Operation R.H. : 15 to 90%RH, non-condensing
- Long term drift: <5% / year (depending on use)
- Battery life: 200 hours typical
- No measurable current draw when in "off" position.
- Polarity: Automatic, positive implied, negative polarity indication
- Zero: Automatic
- Storage Temp.:-20°C to 60°C, 0 to 80% R.H.
- Accuracy: Stated accuracy at 23°C±5°C, <75% R.H.
- Low battery indicator
- Dim.: 189 x 67 x 35 mm

ST83983
Differential manometer

Ranges	Resolution	Accuracy
0-1019.7 mmH2O	0.1	<3.1±0.3 >10.2±1.02 rest±0.5
0-75 mmHg	0.01	<0.03±0.02 >0.75±0.08 rest±0.04
0-1.45 psi	0.001	<0.0141±0.01 rest±0.02
0-40.14 inH2O	0.01	<0.12±0.01 >0.4±0.04 rest±0.02
0-2.953 inHg	0.001	<0.031± 0.01 rest±0.03
0-100 hPa	0.01	<0.31± 0.03 >1±0.1 rest±0.05
0-100 mbar	0.01	<0.31±0.03 >1±0.1 rest±0.05
0-10000 Pa	1	<31± 3 >100±10 rest±5
* fpm / * m/s	1 / 0.1	

(* changed by different density)



- Measurement rate : 2 times/Sec.
- Dual input P1 - P2
- Auto power off to preserve battery life
- Max. / Min. / AVG. and Hold function
- Operation Temp. : 0 ~ 50˚C, below 70%RH
- Storage Temp. : -20 ~ 60˚C, 0 to 80%RH
- Low battery indicator
- Dim. : 132.9 x 50.9 x 24.7 mm
- W / protective cap and carrying strap

ST83984
Hygro-moisture meter

Ranges	Resolution	Accuracy
-20 to 60˚C	0.1	±0.5(0-45˚C) ±1(rest range)
-4 to 140˚F	0.1	±1(32-113˚F) ±2(other range)
0 - 100% RH	0.1	±2.5% 10-90%RH ±5% rest range



- Moisture material:
  8.8 to 54.8%: For beech, spruce, larch, birch cherry and walnut (grouped as wood 1)
  7.0 to 47.9%: For oak, pine, maple, ash-tree, Douglas-fir and meranti (grouped as wood 2)
  0.9 to 22.1%: For cement screed, concrete and plaster (grouped as mortar 3)
  0.0 to 11.0%: For anhydrite screed (grouped as mortar 4)
  0.7 to 8.6%: For cement mortar (grouped as mortar 5)
  0.6 to 9.9%: For lime mortar (Grouped as mortar 6)
  0.1 to 16.5%: For brick (Grouped as mortar 7)
- Accuracy: ±1% at 23±5°C (73.4±9°F)
- Resolution: 0.1%
- Measure % moisture of wood & building materials
- Settable measuring ranges for different materials
- Max. / Min. / AVG. and hold functions
- Auto-power off function
- Storage Temp.:-20°C to 60°C, 0 to 80% R.H.
- Low battery indicator
- Dim.: 132.9 x 50.9 x 24.7 mm

ST83985
Hygro-anemometer

Ranges	Resolution	Accuracy
80-4000 ft/Min.	1	±40 ft/Min.
0.4-20 m/Sec.	0.1	±0.2 m/Sec.
Temp.		
-20 to 60˚C	0.1	±0.5(0-45˚C) ±1(rest range)
-4 to 140˚F	0.1	±1(32-113˚F) ±2(other range)
0 - 100% RH	0.1	±2.5% 25˚C 10-90%RH ±5% 25˚C rest range



- Measurement rate : 1 time/Sec.
- Built-in accurate NTC temperature
- Max. / Min. / AVG. and hold function
- %RH humidity measuring, dew point and wet bulb
- Operation Temp. : -20 ~ 60˚C (32 ~ 122˚F) below 70%RH
- Storage Temp. : -20 ~ 60˚C (-4 ~ 140˚F), 0 to 80%RH
- Auto power off to preserve battery life
- Low battery indicator
- Dia. of fan : 29 mm
- Dim. : 132.9 x 50.9 x 24.7 mm
- W / protective cap and carrying strap

ST83986
Stick-type thermo anemometer

Units	Resolution	Threshold	Range
m/s	0.01	0.3	0.0-30.0
ft/min	1	60	0.0-5900
knots	0.1	0.6	0.0-58.0
mph	0.1	0.7	0.0-67.0
Km/h	0.1	1.1	0.0-108.0

Accuracy: ±3%FS

Temp. Ranges	Resolution	Accuracy
-20 to 60˚C	0.1	±0.5(0-45˚C) ±1(rest range)
-4 to 140˚F	0.1	±1(32-113˚F) ±2(other range)



- Polarity: Automatic, positive implied, negative polarity indication
- Zero: Automatic
- Operating environment: 0°C to 50°C at <75%R.H.
- Storage temperature: -20°C to 60°C, 0 to 80% R.H.
- Accuracy: Stated accuracy at 23°C±5°C, <75% R.H.
- Dim.: 228 x 65.5 x 35 mm

ST839862
High concentration salinity meter



Ranges	Resolution	Accuracy
-20 to 60˚C	0.1	±0.5(0-45˚C) ±1(rest range)
-4 to 140˚F	0.1	±1(32-113˚F) ±2(other range)

· Relative salinity range: 0.1% to 10%
· Temperature compensation: -5°C to 60°C, automatic
· Accuracy:
0% to 0.9% (± 0.1)
1.0% to 1.9% (± 0.2)
2.0% to 2.9% (± 0.3)
3.0% to 4.9% (± 0.5)
5.0% to 5.9% (± 0.7)
6.0% to 7.9% (± 1.0)
8.0% to 10.0% (±1.5, depend on the way of measuring)
· Operation environment: 0°C to 50°C at<70% R.H.
· Storage Temp.:-20°C to 60°C, 0 to 80% R.H.
· Accuracy: Stated accuracy at 23°C ±5°C, <75% R.H.
· Low battery indicator
· Dim.: 178 x 65.5 x 35mm

ST839864
Micro processor base pH/mV/temperature meter



Ranges	Resolution	Accuracy
0 to 80˚C	0.1	±1
32 to 176˚F	0.1	±2
0.00 to 14.00 pH	0.01	±3dgts
-1000mV to 1000mV	0.1/1	±(0.5%rdg + 2dgts)

· Data storage: 128 measured data
· Temperature compensation: Auto (0°C to 80°C), manual (0°C to 100°C) user selectable
· Dual display pH(mV) & temperature
pH (pH4, pH7, pH10) and Temp. (25°C and 70°C) calibration for highly accuracy
· Max. / Min. / Max.-Min. / AVG / hold functions
· RS232 interface with windows software
· Suitable for ion selective with "mV" range
· Operation environment: 0°C to 50°C at<70% R.H.
· Storage Temp.:-20°C to 60°C, 0 to 80% R.H.
· Accuracy: Stated accuracy at 23°C ±5°C, <75% R.H.
· Low battery indicator
· Dim.: 165 x 65 x 35 mm

ST839866
Uvameter



· Range: 199.9 μW/cm²
1.999 mW/cm²
19.99 mW/cm²
· Accuracy: ±(4% FS ±2 dgts), (FS: full scale)
· UV sensor spectrum: Band pass 320 to 400nm
· Polarity: Automatic, positive implied
· Auto power off function
· Portability and simplicity one hand operation
· Max. / data hold function
· Ultra-violet irradiance measurement for UVA
· UV detector spectrum from 320nm to 400nm
· Operation environment: 0°C to 50°C at<70% R.H.
· Storage Temp.:-20°C to 60°C, 0 to 80% R.H.
· Accuracy: Stated accuracy at 23°C ±5°C, <75% R.H.
· Battery: 1.5V x 3 pcs AAA size.
· Low battery indicator
· Dim.: 155 x 48 x 24mm

ST83987
Hygro-thermometer



Ranges	Resolution	Accuracy
0 to 60˚C	0.1	±0.5(10-45˚C) ±2(rest range)
32 to 140˚F	0.1	±1(50-113˚F) ±4(rest range)
0-100% RH	0.1	±2.5% 25˚C 10-90%RH ±5% 25˚C rest range

· Measurement rate : 1 time/Sec.
· Sensor : thermistor temperature and capacitive humidity
· Polarity : automatic, positive implied, negative polarity indication
· Zero : automatic
· Two in one wide range thermometer and humidity function
· %RH, dew point and wet / dry bulb
· Easy switching between K / NTC / K-DP
· Max. / Min. / AVG. / REL. and hold function
· Auto power off to preserve battery life
· Operation Temp. : 0 ~ 50˚C below 75%RH
· Storage Temp. : -20 ~ 60˚C, 0 to 80%RH
· Response time : 60 Sec. typical
· Low battery indicator
· Dim. : 160 x 83 x 38 mm

ST83989
EMF(electromagnetic field) tester



· Range : 0.1-200mG (milli gauss)
1- 2000mG (milli gauss)
0.01-20μT (micro tesla)
0.1-200μT (micro tesla)
· Accuracy : ±3% at 50Hz / 60Hz
· Frequency response : 30Hz-400Hz
· Measurement rate : 2.5 times/Sec.
· Quick response & reliable measurement of electromagnetic field levels
· Max. (Peak) and data hold function
· Operation Temp. : 0 ~ 50˚C (32 ~ 122˚F) below 80%RH
· Storage Temp. : 10 ~ 60˚C (14 ~ 140˚F) below 70%RH
· Over range indicator ("OL" display on LCD)
· Monitor & find low-level ELF (extremely low frequency) radiation generated by specific objects or devices in units of milli gauss (mG)

Apply to power lines, computer monitors, TV sets, video / audio machines, microwave stoves, mobile phones or similar devices at work
· Dim. : 135 x 55 x 35 mm

ST83993
PM2.5 indoor air quality monitor



· Battery:rechargeable lithium battery of 3.7V 18650 2600mA/h (using primary cell made in Japanese/Korean lithium battery), with the value 1A/5V for charging and using
· Battery life: approximately 8 hours for continuous use (set as one sending per hour)
· Auto power off: Automatically shut down after 60 minutes in case of no external power input.
· Long-term use mode: Auto shut down will be disabled when connecting to an external power input
· Operation temperature and humidity: 5 to 40°C, < 80%RH (no condensation)
· Storage temperature and humidity: -5 to 40°C, < 70%RH (no condensation)
· Dimension: 84×81×55 mm (L×W×H)

ST84010
DC power supply

- 0 - 32V / 0 - 3A output
- Digitized programmable interface
- Setting resolution: 10mV/1mA
- High stability, low drift
- Over voltage / over current / over temperature protection
- Intelligent fan control (changes by output power)
- Built-in buzzer alarm
- Labview driver
- Standard interface: RS-232C
- 315 (D) x 108 (W) x 140 (H) mm



ST84015
Triple output DC power supply

- 0 - 30V / 0 - 3A output
- 3 Independent isolated output
- 4 LED display sets: 3 digits after decimal point
- Setting resolution: 1mV/1mA
- Digital panel control(rotary encoder switch, rubber key with indicator)
- User-friendly operation, coarse/fine volume control
- 4 Sets memory save/recall
- Key-Lock / Output on/off
- Tracking series and parallel mode
- Smart cooling fan achieving low noise
- Standard interface: USB
- PC software & USB driver
- Labview driver
- 265 (D) x 210 (W) x 130 (H) mm



ST84011
DC power supply

- 0 - 36V / 0 - 3A output
- CV, CC priority start function
- Setting resolution: 1mV/0.1mA
- Measurement resolution:
  Voltage: 0.1mV/1mV
  Current: 0.1μA/0.001mA/0.01mA/0.1mA
- Power output ON/OFF delay function
- Adjustable voltage and current slew rate
- Bleeder circuit control
- Delayed over-current protection (OCP Delay)
- Sequential power output function
- Remote sensing function
- Data logger
- 10 sets of memory function
- Over voltage / over current / over temperature / under voltage limit protection, AC alarm function
- Standard interface : RS-232, USB, LAN, RS485, Analog control
- 313 (D) x 107 (W) x 124 (H) mm



ST84016
Triple output DC power supply

- 0 - 30V / 0 - 6A output
- 4.3"TFT LCD display
- Setting resolution: 1mV/0.2mA
  Readback resolution: 0.1mV/0.1mA
- Low ripple noise: ≤1mVrms / ≤2mArms
- Transient response time: ≤100μS
- Load function (CC, CV, CR mode)
- Tracking series and parallel function without additional external wiring
- Over voltage / over current / over temperature protection
- Delay / output monitoring / output recorder function
- Supports setting value, measurement value and output waveform display
- Sequential output function and built-in 8 template waveforms
- Provides 10 sets of memory for each sequence/delay/recorder/panel setting condition
- Standard interface : RS-232, USB, Ext I/O
- 362 (D) x 213 (W) x 145 (H) mm



ST84051
3GHz spectrum analyzer

- Frequency range: 9kHz ~ 3GHz
- Built-in preamplifier, 50dB attenuator, and sequence function
- Built-in AM/FM Demodulation & Analysis
- Built-in P1dB point, Harmonic, Channel Power, N-dB bandwidth, OCBW, ACPR, SEM, TOI, CNR, CTB, CSO, Noise Marker, Frequency Counter, Time Domain Power, Gated Sweep
- Built-in Spectrogram, Topographic and Dual-View Display Modes
- Remote control interface: LAN, USB, RS-232

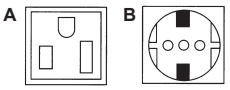


Sweep time range	204us ~ 1000s
Measurement range (Preamp on)	-108dBm~+18dBm:100kHz~1MHz,Ref.Lv.@-60dBm -142dBm~+21dBm:1MHz~10MHz,Ref.Lv.@-60dBm -142dBm~+30dBm:10MHz~3GHz,Ref.Lv.@-60dBm (Span = 500Hz, RBW = 10Hz)
Display device	800 x 600 high resolution TFT color LCD
Power measurement	ACPR, OCBW, channel power and N-dB bandwidth
Level display modes	Trace, Topographic, Spectrogram, Single/split Windows
Trace functions	Clear & Write, Max/Min Hold, View, Blank, Average
Phase noise	<-88dBc/Hz: 10kHz <-95dBc/Hz: 100kHz <-113dBc/Hz: 1MHz Offset from carrier: Fc=1GHz;RBW=1kHz,VBW=10Hz
Interface	RF input: N female connector, 50Ω nominal SMB male: DC7V/500mA Max. USB/A plug ; MicroSD socket(SD1.1) RS232: D-Sub 9pins female connector
Power source	AC 100 ~ 240V, 50/60Hz
Dimension & weight	100 (D) x 350 (W) x 210 (H) mm, 4.5kgs

ST84102 x Uninterruptible power supply 1000VA / 600W
ST84104 x Uninterruptible power supply 1500VA / 900W
ST84106 x Uninterruptible power supply 2000VA / 1200W
ST84108 x Uninterruptible power supply 3000VA / 1800W

AC output
Item No.

AC output :



ST84104
ST84106
ST84108

Battery bank
for ST84108

ST84102



Features:
- Full low frequency working, no interference to your equipment
- Built-in AVR offering wider applications
- With battery start function
- With overload and short circuit protection
- Multiple audio warning functions
- Containing various LED indicating functions
- With mute switch
- Lightning surge protecting device
- Incorporated with DB9 communication interface
- With auto-restart function
- Custom long time discharge model acceptable
- With large starting current suitable for elevator of each brand

Applications:
- Personal computer
- IT equipment
- Document control
- Work station
- Audio/Video room
- Sales management system

Item No.	ST84102	ST84104	ST84106	ST84108
Capacity	1000VA / 600W	1500VA / 900W	2KVA / 1200W	3KVA / 1800W
Input voltage	110 / 115 / 120VAC or 220 / 230 / 240VAC			
Output voltage	110 / 115 / 120VAC or 220 / 230 / 240VAC ±10%			
Output waveform	Simulated sine-wave			
Output transfer time	< 4ms			
Output outlets	NEMA5-15R x 2pcs or the other type	NEMA5-15R x 6pcs or the other type		
Battery voltage	24VDC	48VDC		
Battery type	High rate 12V/5AH	12V/4AH	High rate 12V/5AH	High rate 12V/9AH
Battery quantity	2PCS	4PCS		
Back-up time (load with 1 PC)	40mins	60mins	90mins	120mins
Recharge time	8 hours to 90% after fully discharged			
Line conditioning regulation (AVR)	1 step boost / 1 step buck			
LED display	1LED:Normal(steady on) Back up(slow blinking) Battery low(fast blinking) Overload / Short / UPS Cut-off (LED off)	10LEDs: Normal (green) Back up (green) AVR on (orange) UPS cut-off (orange) Over heat (red) Battery level (5LEDs)		
Alarm	Back-up mode / Battery low	Back-up mode / Battery low / over-heat		
Auto alarm reset	No	Yes		
DC start (cold start)	Yes			
Auto restart UPS	Yes			
Output auto delay	No	Yes		
Overload / short protection	Circuit breaker (Line mode), fuse and electronic circuit (back-up mode)			
Lightning / surge protection	350J / 10000A			
Communication port (DB9)	RUPS-2000 software for windows 95 / 98 / NT / 2000 / ME / XP / Vista			
UPS for elevator	Yes			
Environment temperature	0˚C ~ 40˚C			
Relative humidity	0 ~ 95% non condensing			
Audible noise	< 40dBA (at 1M)			< 50dBA (at 1M)
Net weight	11.5kgs	17.6kgs	20.3kgs	UPS:14kgs Bat.Bank:14kgs
Dimension (W x D x H)	94 x 385 x 170 mm	160 x 410 x 236 mm		160 x 410 x 236 mm (2sets)

ST85350M
350MHz digital storage oscilloscope



- 350MHz, dual input channels
- Large 8-in TFT LCD SVGA color display
- USB host/device : support USB printer and USB flash drive
- Color printout

Rise time	1ns
Sensitivity	2mV/div ~ 5V/div
Input coupling	AC, DC & ground
Input impedance	1M ± 3%, ~16pF
Trigger sources	CH1, CH2, line, EXT
Trigger modes	Auto (support roll mode), normal, single sequence
Trigger coupling	AC, DC, LF rej. , HF rej. , Noise rej.
X-Y mode	X-Axis input: channel 1 Y-Axis input: channel 2 Phase shift : ±3˚ at 100kHz
Signal real-time sample rate	5GSa/s maximum
Signal equivalent sample rate	100GSa/s maximum
Signal record length	25K points/channel
TFT LCD type	8 inch 600(vertically) x 800 (horizontally) dots (SVGA) 8 x 10 divisions
Interface	5V maximum/10mA CMOS open collector output DB 9-pin male DTE RS-232 interface USB 2xhost/1xdevice 2.0 high speed supported
Power source	AC 100V ~ 240V, 48Hz ~ 63Hz, auto selection
Time clock	time and date, provide the date/time for saved data
Dimension & weight	130 (D) x 400 (W) x 200 (H) mm, 4kgs



ST85500M
500MHz digital storage oscilloscope



- 500MHz, dual input channels
- Large 8-in TFT LCD SVGA color display
- USB host/device : support USB printer and USB flash drive
- Color printout

Rise time	700ps
Sensitivity	2mV/div ~ 5V/div
Input coupling	AC, DC & ground
Input impedance	1M ± 3%, ~16pF
Trigger sources	CH1, CH2, CH3, CH4, line, EXT
Trigger modes	Auto (support roll mode), normal, single sequence
Trigger coupling	AC, DC, LF rej. , HF rej. , Noise rej.
X-Y mode	X-Axis input: channel 1, channel 3 Y-Axis input: channel 2, channel 4 Phase shift : ±3˚ at 100kHz
Signal real-time sample rate	4GSa/s maximum, 2GSa/s per channel
Signal equivalent sample rate	100GSa/s maximum
Signal record length	25K points/channel
TFT LCD type	8 inch 600(vertically) x 800 (horizontally) dots (SVGA) 8 x 10 divisions
Interface	5V maximum/10mA CMOS open collector output DB 9-pin male DTE RS-232 interface USB 2xhost/1xdevice 2.0 high speed supported
Power source	AC 100V ~ 240V, 48Hz ~ 63Hz, auto selection
Time clock	time and date, provide the date/time for saved data
Dimension & weight	130 (D) x 400 (W) x 200 (H) mm, 4kgs

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