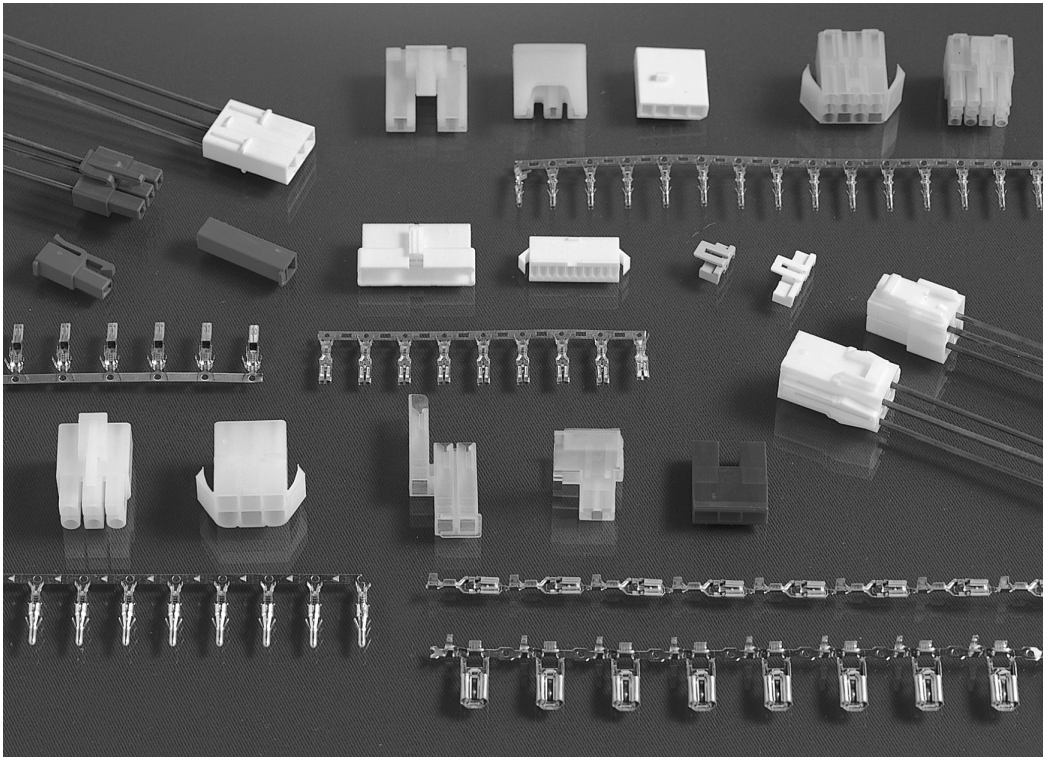
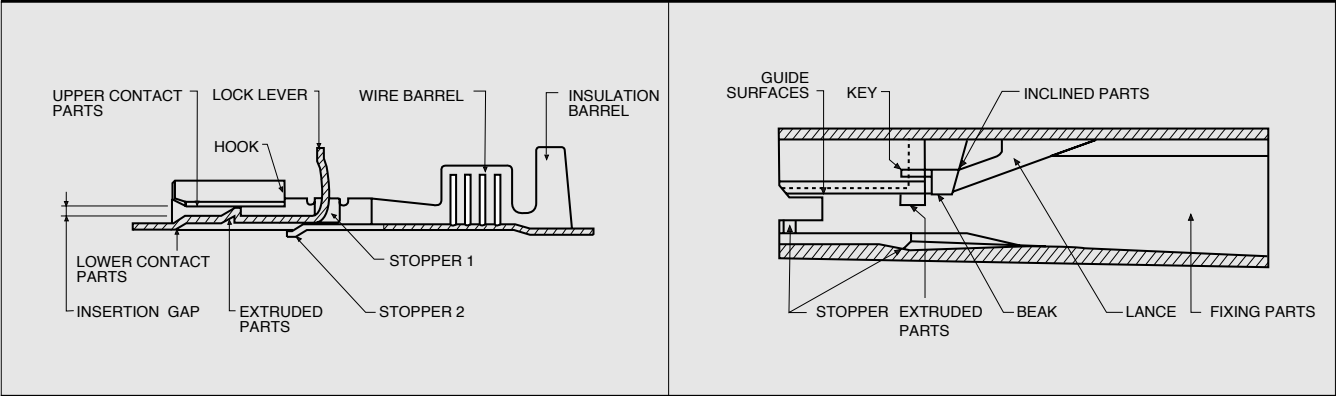


ELECTRONIC CONNECTOR



P-LOCK CONNECTOR

FEATURES

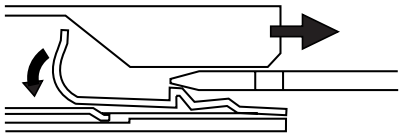


SPECIFICATIONS

	187 P-LOCK	250 P-LOCK
VOLTAGE RATING	250 V / AC(Dielectric Strength:2,000V/min)	
CONTACT RESISTANCE	3 m Ω max (Initial) 6 m Ω max (Final)	
OPERATING TEMPERATURE	- 40°C +105°C (Temp. Rise Test)	
TERMINAL LOCKING FORCE	6Kg min	8Kg min
CONNECTOR ASS'Y IN & OUT	IN : 3.0 OUT: 0.6 ~ 3.0	IN : 3.5 OUT: 0.6 ~ 3.5
RETENTION FORCE	5.0Kg min	6.0Kg min
INSULATION RESISTANCE	1,000M Ω min	

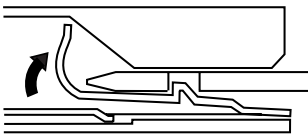
LOCKING MECHANISM

1.When inserted in tabs



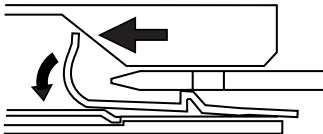
Initial Conditions of receiver terminals and tabs lever descends in arrow direction.

2.Locking condition



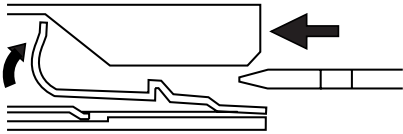
Complete insertion of terminals and tabs Lever rises in arrow direction.

3.Connector disassembly



Initial condition when housings disassembled from connected condition. Lever descends in arrow direction.

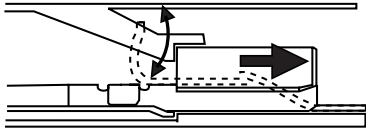
4.Disassembled condition



Completely disassembled condition lever returns to original location.

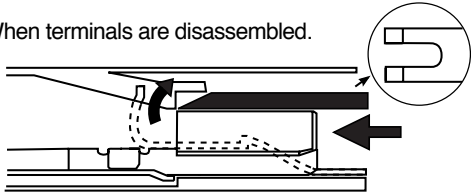
HOUSING, TERM' FEATURES

1.When terminals are connected.



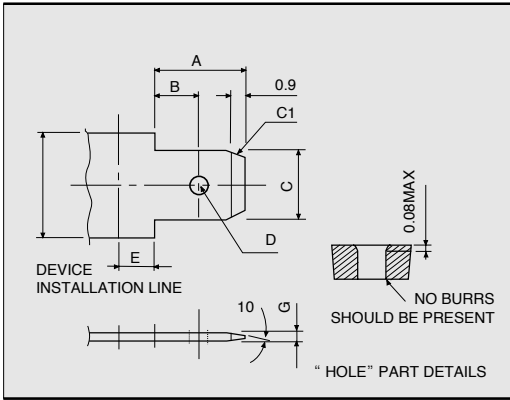
Condition receiver terminals contained within housings.

2.When terminals are disassembled.

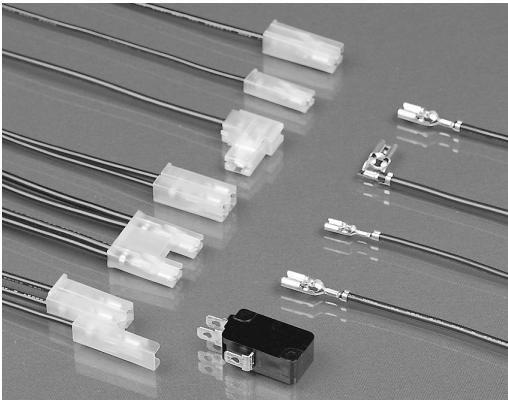


Jig is inserted in arrow direction, and receiver terminals are removed after lowering lance in arrow direction, when removing receiver terminals from housings.

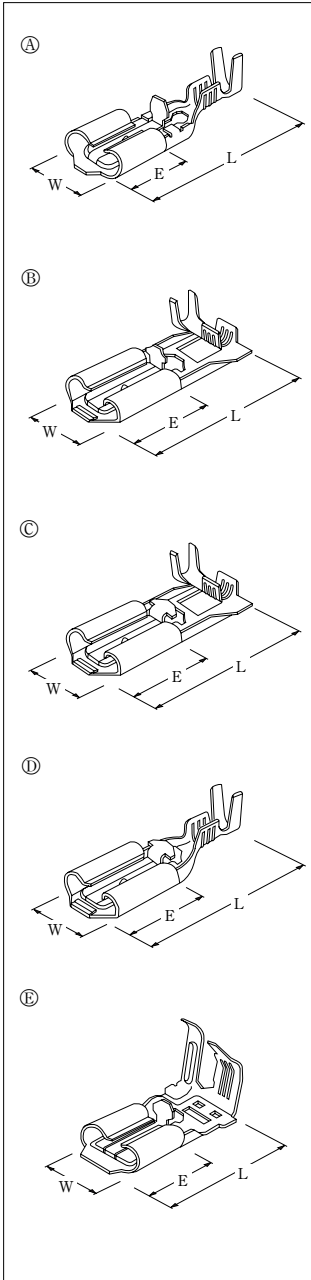
P-LOCK CONNECTOR



	.187	.250
A	6.35 ^{+0.15}	7.95 ^{+0.15}
B	3.2 ^{±0.1}	3.4 ^{±0.1}
C	4.75 ⁺⁰ _{-0.1}	6.35 ⁺⁰ _{-0.1}
D	ø 1.3 ^{+0.2} ₋₀	ø 1.65 ^{+0.2} ₋₀
E	2.5 Min	2.9 Min
F	5.4 Min	7.3 Min
G	0.5 ^{±0.02}	0.8 ^{±0.02}



► .250 TERMINAL



Part No.	Wire Range		Material		Dimension (mm)			Type	Qty Reel
	AWG	mm ²	Thick.	Finish	L	E	W		
▲ ST 730570-3	22-18	0.31-0.89 (ø 0.8 Solid)	0.4	Brass Pre-Tin	22.8	6.5	7.6	A	3,000
▲ ST 730571-3	18-14	0.76-2.09	0.4	Brass Pre-Tin	22.8	6.5	7.6		3,000
▲ ST 730572-3	12-10	3.0-5.4	0.4	Brass Pre-Tin	22.8	6.5	7.6		3,000
■ ST 730573-3	Solid Wire	0.75-2.27	0.4	Brass Pre-Tin	19.4	8.2	7.6	B	1,500
▲ ST 730574-3	18-14	0.75-2.27	0.4	Brass Pre-Tin	19.4	8.2	7.6		1,500
■ ST 730575-3	Solid Wire	1.0+1.0 1.0+1.2	0.4	Brass Pre-Tin	19.4	8.2	7.6		1,500
ST 730663-3	Solid Wire	3.0	0.4	Brass Pre-Tin	19.4	8.2	7.6		1,500
ST 730649-3	18-12	0.75-3.0	0.4	Brass Pre-Tin	15.8	8.8	7.6	C	1,000

► .250 TERMINAL (SLEEVE TYPE)

ST 730619-3	22-18	0.31-0.89	0.4	Brass Pre-Tin	22.8	6.5	7.6	D	3,000
ST 730620-3	18-14	0.76-2.09	0.4	Brass Pre-Tin	22.8	6.5	7.6		3,000
ST 730621-3	12-10	3.10-5.4	0.4	Brass Pre-Tin	22.8	6.5	7.6		3,000
ST 730598-3	18-14	0.75-2.27	0.4	Brass Pre-Tin	19.4	8.2	7.6	C	1,500

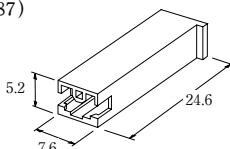
► .187 TERMINAL

▲ ST 730567-3	24-20	0.22-0.5	0.3	Brass Pre-Tin	19.2	5.0	5.6	A	6,000
ST 730678-3								D	
ST 730710-3									
▲ ST 730568-3	20-16	0.55-1.28	0.3	Brass Pre-Tin	19.2	5.0	5.6	A	5,000
◇ ST 730679-3								D	
ST 730711-3									
▲ ST 730569-3	18-14	0.76-2.09	0.3	Brass Pre-Tin	19.2	5.0	5.6	A	4,000
ST 730680-3								D	
ST 730712-3									

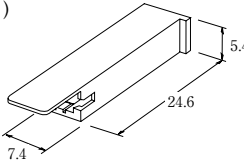
P-LOCK CONNECTOR

► 1P HOUSING

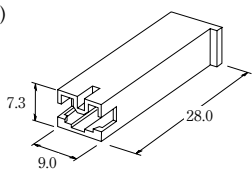
▲ MG 630588(.187)



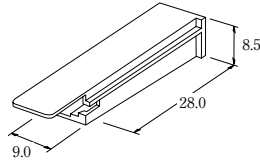
■ MG 631190(.187)



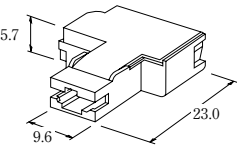
● MG 630591(.250)



■ MG 631240(.250)



▲ MG 630592(.250)

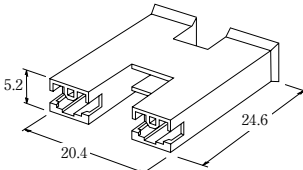


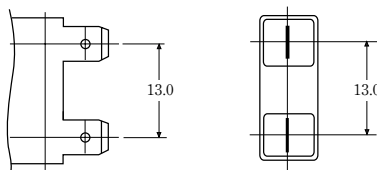
Suitable Terminal: ST 730570, ST 730571, ST 730572

Suitable Terminal: ST 730573, ST 730574, ST 730575

► WATER SUPPLY VALVE HOUSING

MG 630839(.187) MG 630839P(P.P)

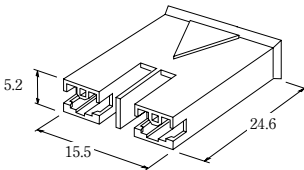


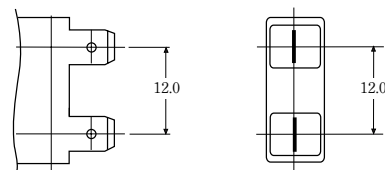


Suitable Terminal: ST 730567, ST 730568, ST 730569

► CONDENSER HOUSING

MG 630822(.187)

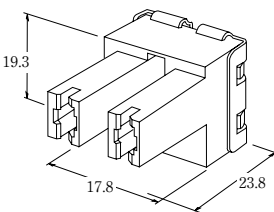


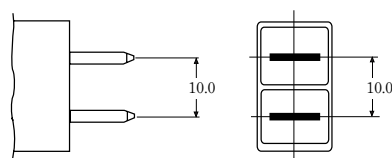


Suitable Terminal: ST 730567, ST 730568, ST 730569

► MAGNETRON HOUSING

■ MG 630823(.250)

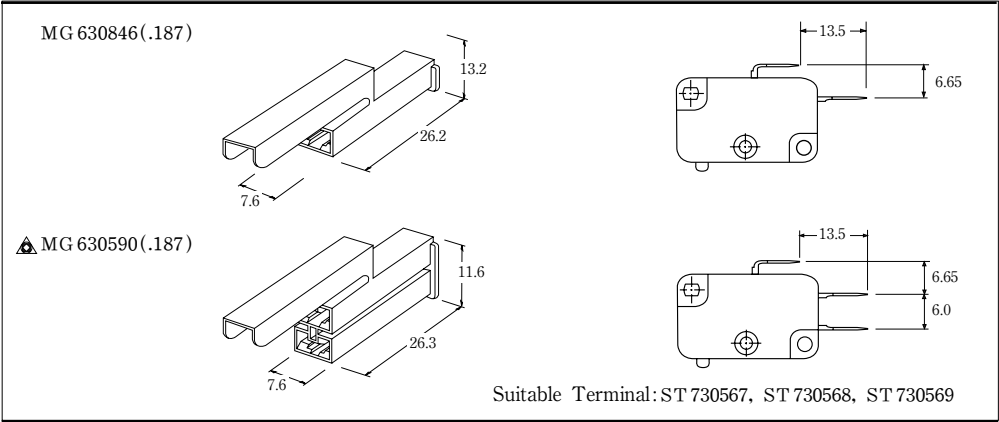
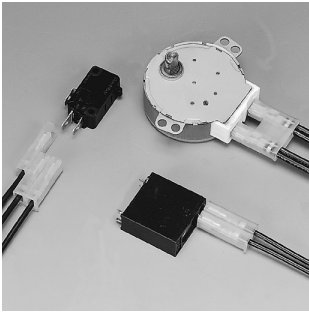




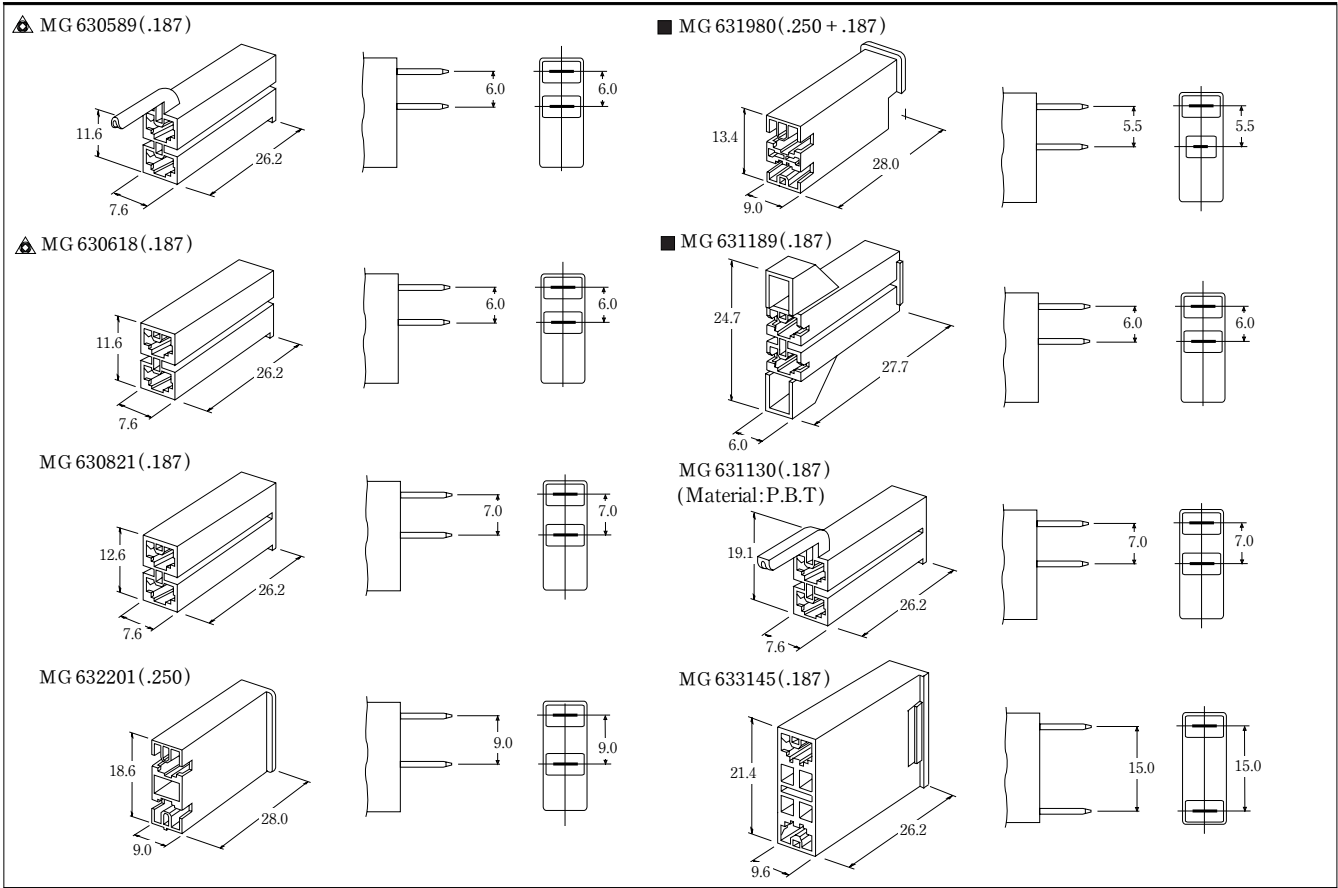
Suitable Terminal: ST 730574, ST 730575

P-LOCK CONNECTOR

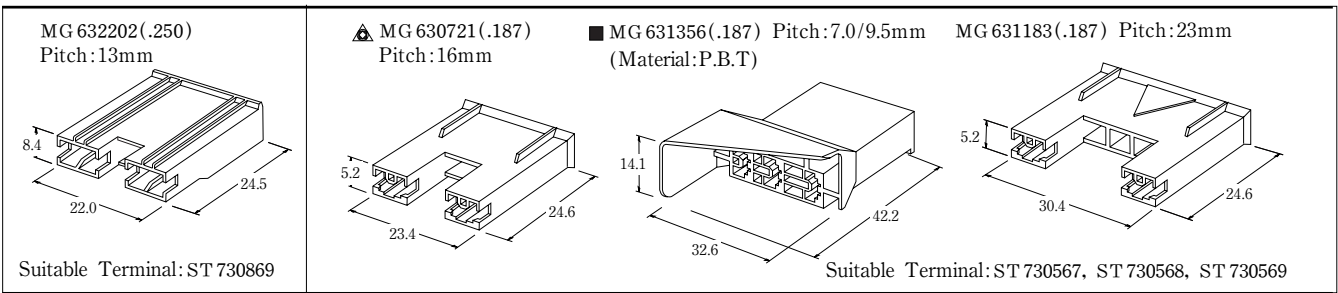
► MICRO S/W HOUSING



► RELAY S/W HOUSING



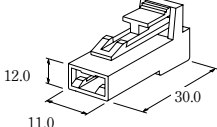
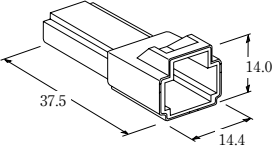
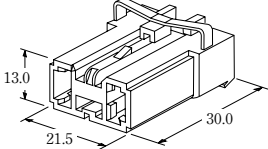
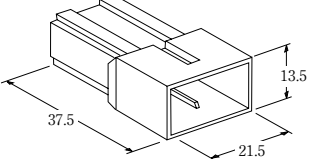
► MOTOR HOUSING



312, 250 CONNECTOR

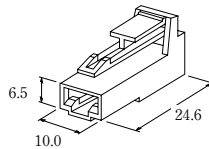
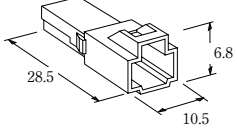
► .312(P.P) HOUSING



Poles	Plug housing for female terminal	Receptacle housing for male terminal
1	MG 613084 	MG 623085 
2	MG 612006 	MG 622007 

Suitable Terminal: ST 730371, ST 730372, ST 740370, ST 740399

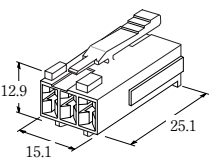
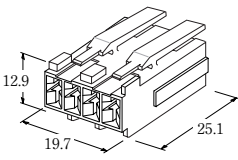
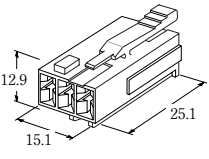
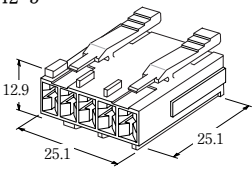
► .250(P.P) HOUSING

Poles	Plug housing for female terminal	Receptacle housing for male terminal
1	MG 611933 	MG 621934 

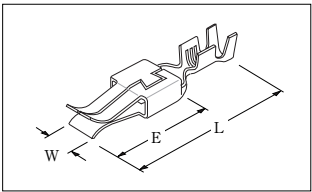
Suitable Terminal: ST 730267, ST 730268, ST 730269, ST 740253, ST 740254, ST 740255

► .250(Door Lock S/W)



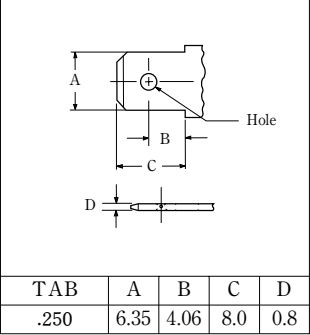
Poles	Plug housing for female terminal	Poles	Plug housing for female terminal
3	MG 613040 	4	MG 612947 
	MG 613041-5 	5	MG 613042-5 

► TERMINAL

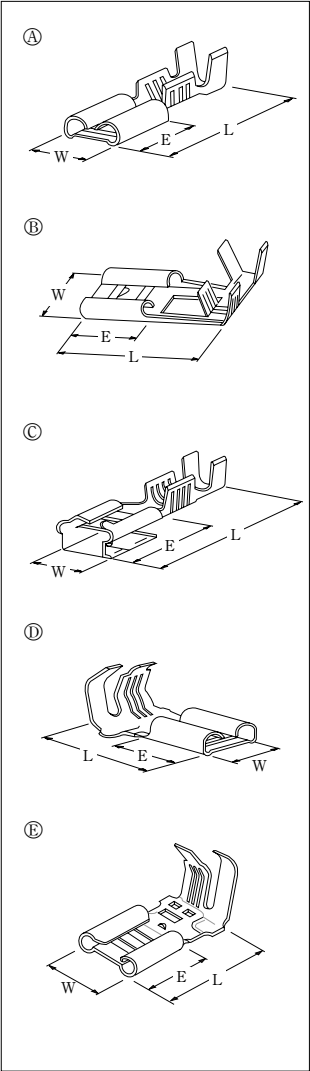


Part No.	Wire Range		Tab Thick.	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
ST 730948-3	22-20	0.3-0.5	0.8	0.35	Copper Alloy	20.2	11.4	4.7		3,000
					Pre-Tin					

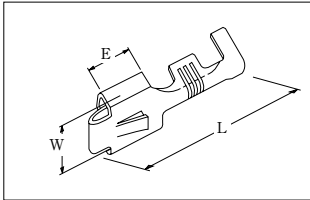
250 CONNECTOR



► TERMINAL

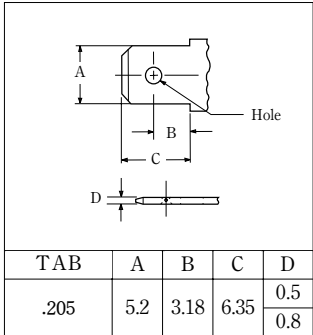


Part No.	Wire Range		Tab Thick.	Material		Dimension(mm)			Type	Q'ty Reel	
	AWG	mm²		Thick.	Finish	L	E	W			
⊙ ST 730173-1	22-18	0.3-0.75	0.8	0.4	Brass	19.5	7.8	7.6	Ⓐ	5,000	
⊙ ST 730173-2					Brass/Tin						
⊙ ST 730057-1	18-14	0.75-2.27	0.8	0.4	Brass	19.5	7.8	7.6		5,000	
⊙ ST 730057-2					Brass/Tin						
⊙ ST 730135-1	18-14	0.75-2.27	0.8	0.45	Brass	19.5	7.8	7.6		5,000	
⊙ ST 730135-2					Brass/Tin						
⊙ ST 730428-1	18-14	0.75-2.27	0.8	0.45	Brass	19.2	7.7	7.6		4,000	
⊙ ST 730428-2					Brass/Tin						
⊙ ST 730058-1	14-10	3.0-5.27	0.8	0.4	Brass	19.5	7.8	7.6		4,000	
⊙ ST 730058-2					Brass/Tin						
⊙ ST 730136-1	14-10	3.0-5.27	0.8	0.45	Brass	19.5	7.8	7.6		4,000	
⊙ ST 730136-2					Brass/Tin						
○ ST 730435-1	U.L 1275 WIRE #20+20 or 18+22 #18+20 or 18+18 #16+22 or 16+20		0.8	0.45	Brass	19.5	7.8	7.6	Ⓐ	3,000	
○ ST 730435-2					Brass/Tin						
○ ST 730449-1	U.L 1015 #22×2 #20+18 or 20+20 U.L 1015 #18 +U.L 1007 #16		0.8	0.45	Brass	19.5	7.8	7.6		4,000	
○ ST 730449-2					Brass/Tin						
⊙ ST 730119-1	18-14	0.75-2.27	0.8	0.4	Brass	17.0	7.6	7.6		Ⓑ	3,000
⊙ ST 730119-2					Brass/Tin						
▣ ST 730190-1	18-14	0.75-2.27	0.8	0.45	Brass	16.0	7.8	8.1	Ⓓ	3,500	
▣ ST 730190-2					Brass/Tin						
■ ST 730851-2					Ⓔ						
○ ST 730436-1	U.L 1275 WIRE #20+20 or 18+22 #18+20 or 18+18 #16+22 or 16+20		0.8	0.45	Brass	16.0	7.8	8.1	Ⓓ	3,000	
○ ST 730436-2					Brass/Tin						
⊙ ST 730306-1	18-14	0.75-2.27	0.8	0.4	Brass	19.2	7.8	7.6	Ⓒ	3,500	
⊙ ST 730306-2					Brass/Tin						

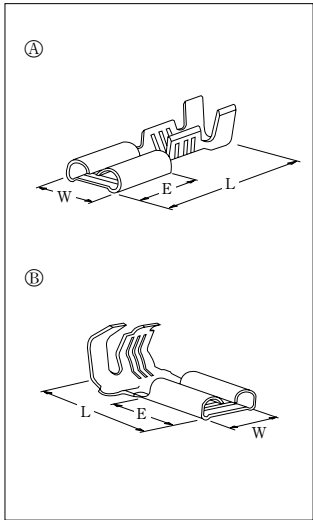


◇ ST 730188-1	18-14	0.75-2.27	0.8	0.4	Brass	20.4	6.5	7.85		2,000
ST 730188-3					Pre-Tin					
◇ ST 730194-1	14-10	3.0-5.27	0.8	0.4	Brass	20.4	6.5	7.85		1,500
ST 730194-3					Pre-Tin					

205 CONNECTOR

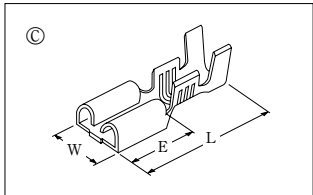


► TERMINAL



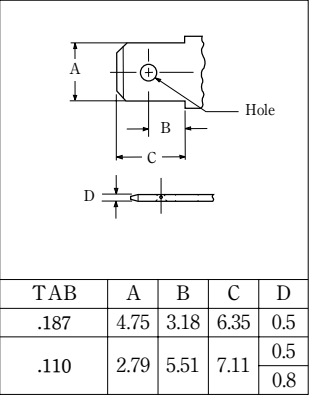
Part No.	Wire Range		Tab Thick.	Material		Dimension(mm)			Type	Q'ty Reel	
	AWG	mm ²		Thick.	Finish	L	E	W			
● ST 730139-1	26-22	0.12-0.35	0.5	0.4	Brass	15.4	6.3	6.35	Ⓐ	7,000	
● ST 730139-2					Brass/Tin						
● ST 730019-1	22-18	0.3-0.89	0.5	0.4	Brass	15.4	6.3	6.35		7,000	
● ST 730019-2					Brass/Tin						
● ST 730019-4			0.8	0.4	Brass	15.4	6.3	6.35		7,000	
○ ST 730019-5					Brass/Tin						
● ST 730351-1	U.L 1015 WIRE # 20+20 or 18+20 # 18+18 or 18+22 # 16+22 or 16+20		0.5	0.4	Brass	19.5	6.3	6.35		Ⓑ	3,500
● ST 730351-2					Brass/Tin						
● ST 730351-4			0.8	0.4	Brass	19.5	6.3	6.35	3,500		
● ST 730351-5					Brass/Tin						
● ST 730221-1	20-14	0.5-2.27	0.5	0.35	Brass	12.2	6.4	6.4	Ⓑ	6,000	
● ST 730221-2					Brass/Tin						
○ ST 730221-4			0.8	0.35	Brass	12.2	6.4	6.4		6,000	
○ ST 730221-5					Brass/Tin						

► TERMINAL

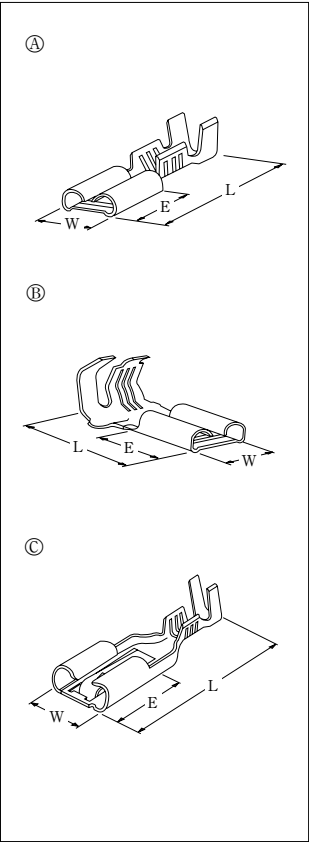


ST 730283-1	22-18	0.3-0.89	0.8	0.4	Brass	15.4	6.3	6.35	C	5,000
ST 730283-2					Brass/Tin					

187 CONNECTOR

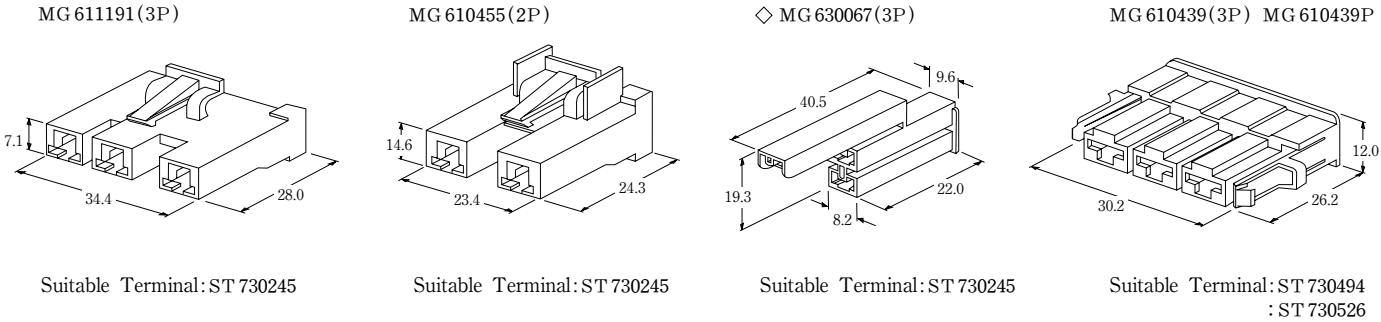


► TERMINAL



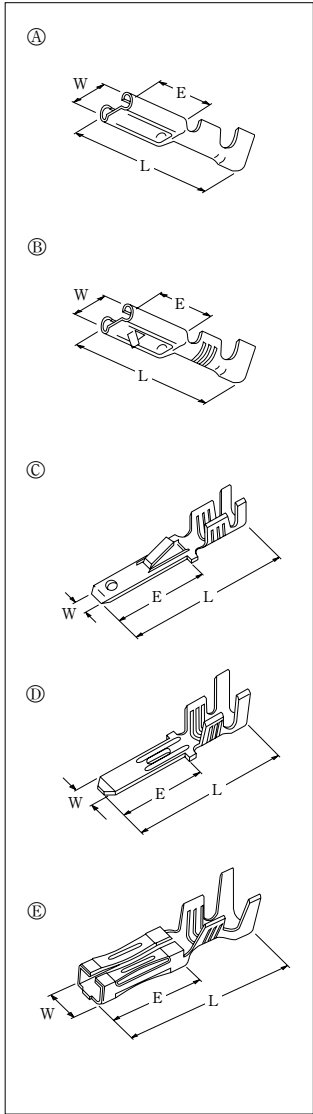
Part No.	Wire Range		Tab	Material		Dimension(mm)			Type	Q'ty	
	AWG	mm ²	Thick.	Thick.	Finish	L	E	W		Reel	
⊙ ST 730147-1	26-22	0.12-0.35	0.5	0.35	Brass	15.4	6.3	5.8	Ⓐ	10,000	
⊙ ST 730147-2					Brass/Tin						
⊙ ST 730093-1	22-18	0.3-0.89	1.2	0.4	Brass	15.4	6.3	5.8		7,000	
⊙ ST 730093-2					Brass/Tin						
⊙ ST 730245-1	20-16	0.5-1.25	0.5	0.35	Brass	15.4	6.3	5.8		7,000	
⊙ ST 730245-2					Brass/Tin						
⊙ ST 730245-4			0.8	0.35	Brass	15.4	6.3	5.8		7,000	
⊙ ST 730245-5					Brass/Tin						
⊙ ST 730191-1	U.L 1015 WIRE # 20+20 or 18+22 # 18+18 or 18+20 # 16+22 or 16+20		0.5	0.4	Brass	19.5	6.3	5.8		3,500	
⊙ ST 730191-2					Brass/Tin						
⊙ ST 730191-4			0.8	0.4	Brass	19.5	6.3	5.8		3,500	
⊙ ST 730191-5					Brass/Tin						
ST 730724-1			1.0	0.35	Brass	15.4	6.3	5.8		3,500	
ST 730724-2					Brass/Tin						
⊙ ST 730220-1	20-16	0.5-1.42	0.5	0.35	Brass	12.2	6.4	5.6	Ⓑ	6,000	
⊙ ST 730220-2					Brass/Tin						
⊙ ST 730220-4	20-16	0.5-1.42	0.8	0.35	Brass	12.2	6.4	5.6		6,000	
⊙ ST 730220-5					Brass/Tin						
○ ST 730451-1	18+18	0.89+0.89	0.5	0.35	Brass	12.2	6.4	5.6		5,000	
○ ST 730451-2					Brass/Tin						
ST 730494-3	20-16	0.5-1.25	0.5	0.3	Brass Pre-Tin	18.0	6.0	5.7	Ⓒ	3,000	
ST 730526-3	18+18	0.89+0.89	0.5	0.3	Brass Pre-Tin	18.0	6.0	5.7		2,500	

► HOUSING



110 CONNECTOR

► TERMINAL



Part No.	Wire Range		Tab Thick.	Material		Dimension (mm)			Type	Q'ty / Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
⊙ ST 730128-1	28-24	0.08-0.22	0.5	0.25	Brass	15.4	6.3	3.8	㊤	15,000
ST 730128-3					Pre-Tin					
⦿ ST 730012-1	24-20	0.2-0.56	0.5	0.25	Brass	15.4	6.3	3.8		10,000
■ ST 730012-3					Pre-Tin					
⦿ ST 730052-1	20-16	0.5-1.42	0.5	0.25	Brass	15.4	6.3	3.8		10,000
■ ST 730052-3					Pre-Tin					
○ ST 730052-4			0.8	0.25	Brass	15.4	6.3	3.8		10,000
○ ST 730052-6					Pre-Tin					
ST 730499-1	24-20	0.2-0.56	0.5	0.25	Brass	15.4	6.3	3.8		10,000
ST 730499-3					Pre-Tin					
ST 730912-3	24	0.22	0.5	0.25	Pre-Tin	17.7	7.5	3.8	㊥	4,000
ST 730629-3	20-16	0.5-1.42	0.5	0.25	Pre-Tin	17.7	7.5	3.8		4,000
ST 730908-3	20	0.5	0.5	0.25	Pre-Tin	17.7	7.5	3.8		4,000
▣ ST 730099-1	20-16	0.51-1.42	0.5	0.25	Brass	15.4	6.3	3.8	㊦	10,000
■ ST 730099-3					Pre-Tin					
▣ ST 740144-1	22-18	0.3-0.85	0.5	0.5	Brass	20.6	12.0	2.8	㊧	5,000
▣ ST 740144-2					Brass/Tin					
◇ ST 740358-1	22-18	0.3-0.85	0.5	0.5	Brass	20.6	12.0	2.8	㊨	5,000
◇ ST 740358-2					Brass/Tin					

► HOUSING

MG 610539 MG 611138(Unlock)	MG 610488	MG 610815(NY66 V2) MG 611931(NY66 V0) MG 612534P

Suitable Terminal: ST 730499

Suitable Terminal: ST 730499

Suitable Terminal: ST 730629,
ST 730908, ST 730912

► DOOR S/W



■ MG 610421	■ MG 610420(NY6) MG 610565(PBT)	▣ MG 610087	■ MG 610593

Suitable Terminal:
ST 730099

Suitable Terminal:
ST 730099(NY6)
ST 730499(PBT)

Suitable Terminal:
ST 730052

Suitable Terminal:
ST 730099

Ø 2.0 & Ø 1.3 CONNECTOR

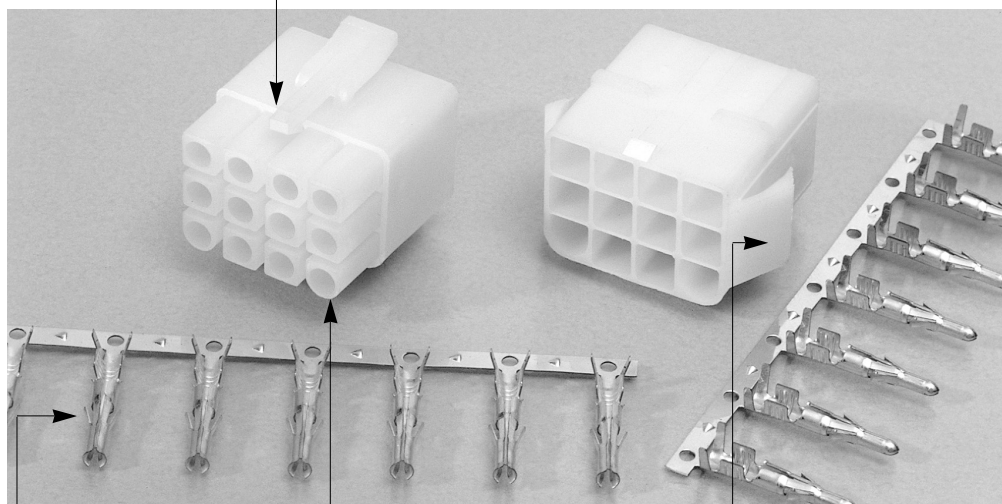


► PRODUCTS AND APPLICATION

These products easily adapt terminals and housings and can be used in both single and multiple connectors. Since internal connections of electrical appliances are becoming increasingly sophisticated, connectors are becoming smaller and lighter yet maintaining higher reliabilities.

► FEATURES

- Positive locking to keep the mated connectors together features a latch that automatically engages at matings. Can be easily released for disengagement.



- Terminal lock into housing by a pair of lances, that insures balanced mating, stable and firm positioning.

- Long creeping distance on housing guaranties safe handling at rated voltages.

- Male connector accommodates panel mounting, suits wide range of panel thicknesses. Housing locking ears allow easy insertion to and removal from panel by hand, no tools are required.



Recognized

File No. E 101181



Certified

File No. LR 61076

TÜV Licensed



File No. R 9154197(Ø1.3)

File No. R 9154199(Ø2.0)

(Conforms to DIN/VDE 0627)

Ø 2.0 & Ø 1.3 CONNECTOR

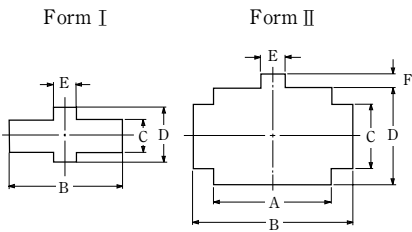
PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

► HOUSING FOR Ø2.0 PIN TERMINAL

Applicable panel thickness:0.8~2.0mm

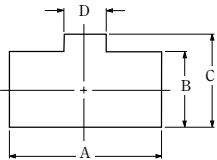
Poles	Housing Part No.	Applicable hole form	Panel hole dimensions(mm) Tolerance ±0.13					
			A	B	C	D	E	F
2	MG 620007	I		18.8	7.8	11.0	3.7	
3	MG 620009	I		25.0	7.8	11.0	3.7	
4	MG 620011	I		31.2	7.8	11.0	3.7	
4	MG 620013	II	13.8	18.8	9.4	14.1	4.0	1.6
6	MG 620015	II	20.0	25.0	9.4	14.1	4.0	1.6
9	MG 620017	II	20.0	25.0	9.4	20.3	4.0	1.6
12	MG 620019	II	26.2	31.2	12.8	20.3	4.0	1.6
15	MG 620021	II	32.4	37.4	12.8	20.3	4.0	1.6



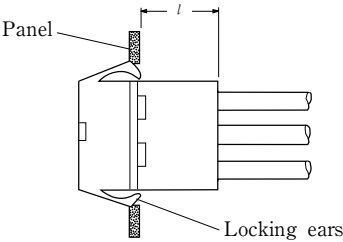
► HOUSING FOR Ø1.3 PIN TERMINAL

Applicable panel thickness:0.8~2.4mm

Poles	Housing Part No.	Panel hole dimensions(mm) Tolerance ±0.13			
		A	B	C	D
2	MG 620023	15.0	6.0	6.85	5.2
3	MG 620025	19.7	6.0	6.85	5.2
4	MG 620027	24.2	6.0	6.85	5.2
6	MG 620029	19.7	10.2	11.1	5.2
9	MG 620031	19.7	14.8	15.7	5.2
12	MG 620033	24.2	14.8	15.7	5.2
15	MG 620035	28.7	14.8	15.7	5.2



PANEL MOUNTING

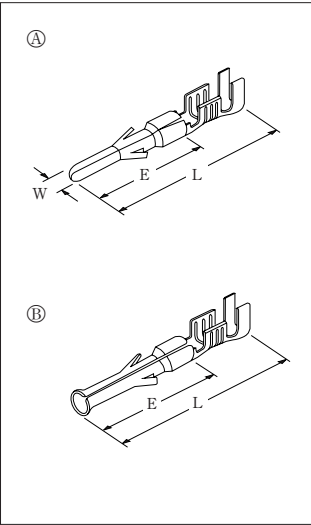


APPLICATION	" l " (mm)
Housing For ø2.0 Pin Term	14.5
Housing For Ø1.3 Pin Term	11.0

For Panel mounting, insert receptacle straight through mounting hole until both locking ears snap against the sides of the panel hole as shown.

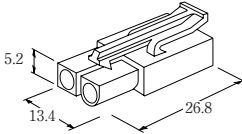
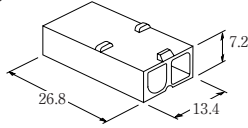
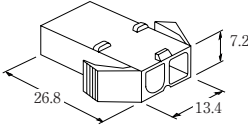
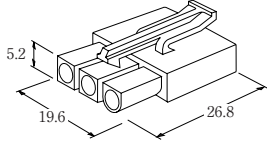
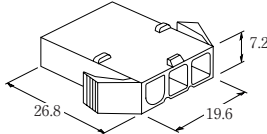
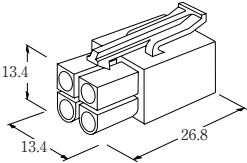
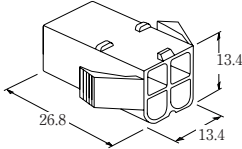
Ø 2.0 CONNECTOR

► TERMINAL

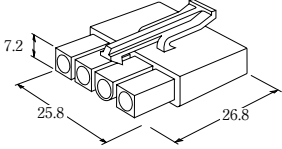
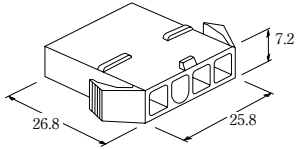
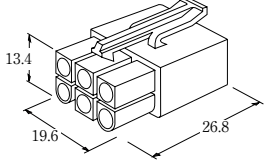
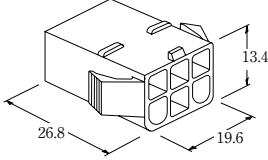
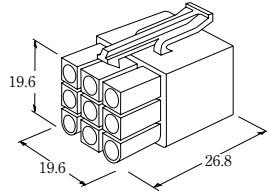
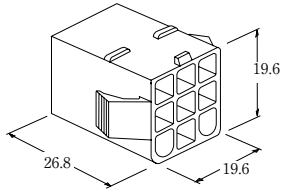
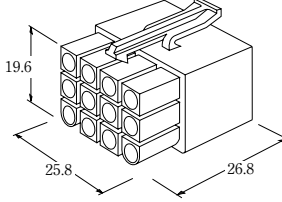
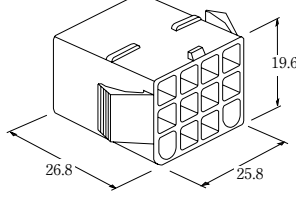
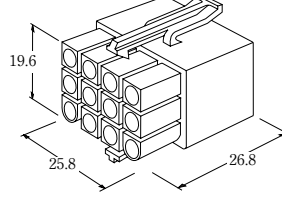
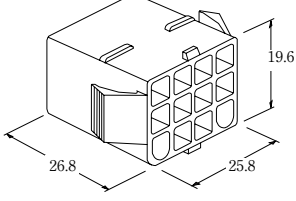
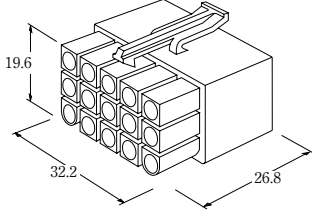
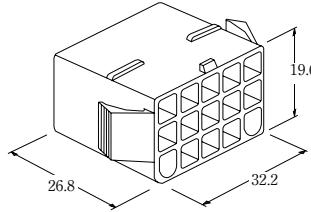


Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
△ ST 750207-3	2.0 Pin Small Wire	24-20 (0.2-0.5)	0.25	Brass Pre-Tin	20.3	12.6	2.0	A	4,000
△ ST 750208-3	2.0 Pin Heavy Wire	20-14 (0.75-2.0)	0.25	Brass Pre-Tin	20.3	12.6	2.0		3,000
△ ST 750330-3	2.0 Pin 2 Wire	20+20 20+18 20+16 18+18	0.25	Brass Pre-Tin	20.3	12.6	2.0		3,000
△ ST 730205-3	2.0 Rec. Small Wire	24-20 (0.2-0.5)	0.25	Brass Pre-Tin	20.3	12.6		B	4,000
△ ST 730206-3	2.0 Rec. Heavy Wire	20-14 (0.75-2.0)	0.25	Brass Pre-Tin	20.3	12.6			3,000
○ ST 730349-3	2.0 Rec. for Multi		0.25	Brass Pre-Tin	20.3	12.6			3,000
△ ST 730329-3	2.0 Rec. 2 Wire	20+20 20+18 20+16 18+18	0.25	Brass Pre-Tin	20.3	12.6			3,000

► HOUSING

Poles	Voltage rating	Current rating	Plug housing for female terminal	Receptacle housing for male terminal
2	300	15	△ MG 610008 	△ MG 620006  △ MG 620007 
			△ MG 610010 	△ MG 620009 
4	300	13	△ MG 610014 	△ MG 620013 

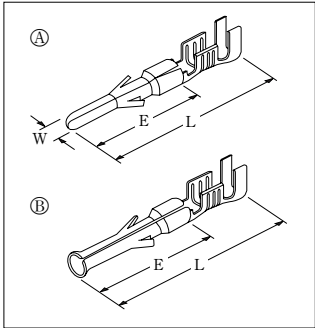
Ø 2.0 CONNECTOR

Poles	Voltage rating	Current rating	Plug housing for female terminal	Receptacle housing for male terminal
4	300	13	 MG 610012 Dimensions: 7.2, 25.8, 26.8	 MG 620011 Dimensions: 7.2, 26.8, 25.8
6	300	12	 MG 610016 Dimensions: 13.4, 19.6, 26.8	 MG 620015 Dimensions: 13.4, 26.8, 19.6
9	300	10	 MG 610018 Dimensions: 19.6, 19.6, 26.8	 MG 620017 Dimensions: 19.6, 26.8, 19.6
12	300	9	 MG 610020 Dimensions: 19.6, 25.8, 26.8	 MG 620019 Dimensions: 19.6, 26.8, 25.8
			 MG 610082 Dimensions: 19.6, 25.8, 26.8	 MG 620081 Dimensions: 19.6, 26.8, 25.8
15	300	9	 MG 610022 Dimensions: 19.6, 32.2, 26.8	 MG 620021 Dimensions: 19.6, 26.8, 32.2

Note : Housing for Ø 2.0 Pin Term, can be used either panel mounting or free hanging. For panel mounting hole refer to page 33.
U.L. approval is not available for P/N MG610082 & MG620081

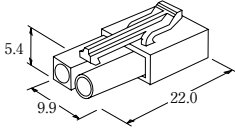
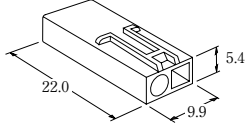
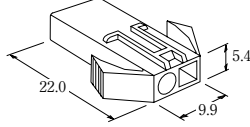
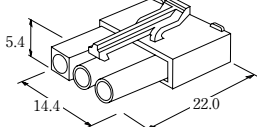
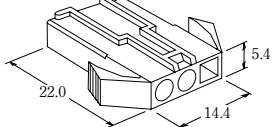
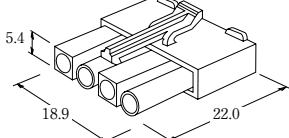
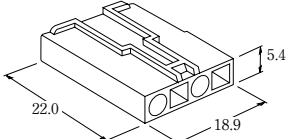
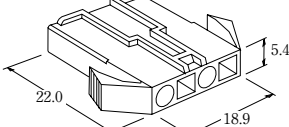
Ø 1.3 CONNECTOR

► TERMINAL

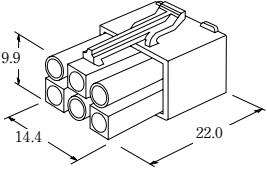
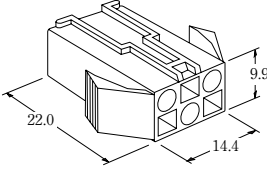
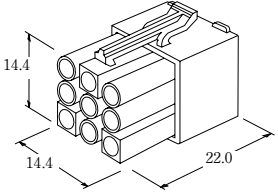
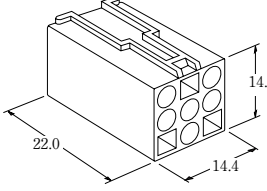
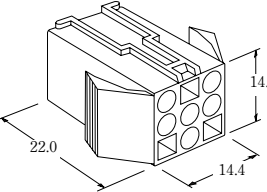
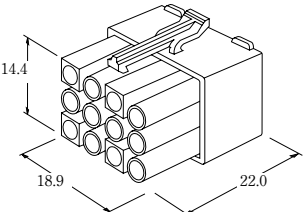
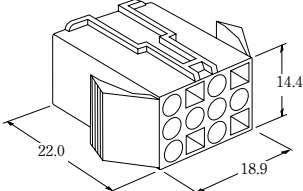
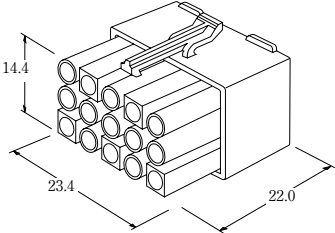
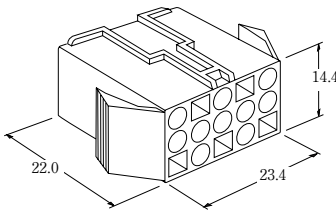


Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
⊗ ST 750293-3	Ø 1.3 Pin Small Wire	26-22 (0.13-0.3)	0.25	Brass Pre-Tin	15.3	9.0	1.3	A	5,000
⊙ ST 750294-3	Ø 1.3 Pin Heavy Wire	20-16 (0.5-1.25)	0.25	Brass Pre-Tin	15.3	9.0	1.3		4,000
⊗ ST 730291-3	Ø 1.3 Rec. Small Wire	26-22 (0.13-0.3)	0.25	Brass Pre-Tin	15.3	9.0		B	5,000
⊙ ST 730292-3	Ø 1.3 Rec. Heavy Wire	20-16 (0.5-1.25)	0.25	Brass Pre-Tin	15.3	9.0			4,000

► HOUSING

Poles	Voltage rating	Current rating	Plug housing for female terminal	Receptacle housing for male terminal
2	300	10	⊙ MG 610024 	MG 620440 
				⊙ MG 620023 
3	300	10	⊙ MG 610026 	⊙ MG 620025 
4	300	10	⊙ MG 610028 	⊙ MG 620052 
				⊙ MG 620027 

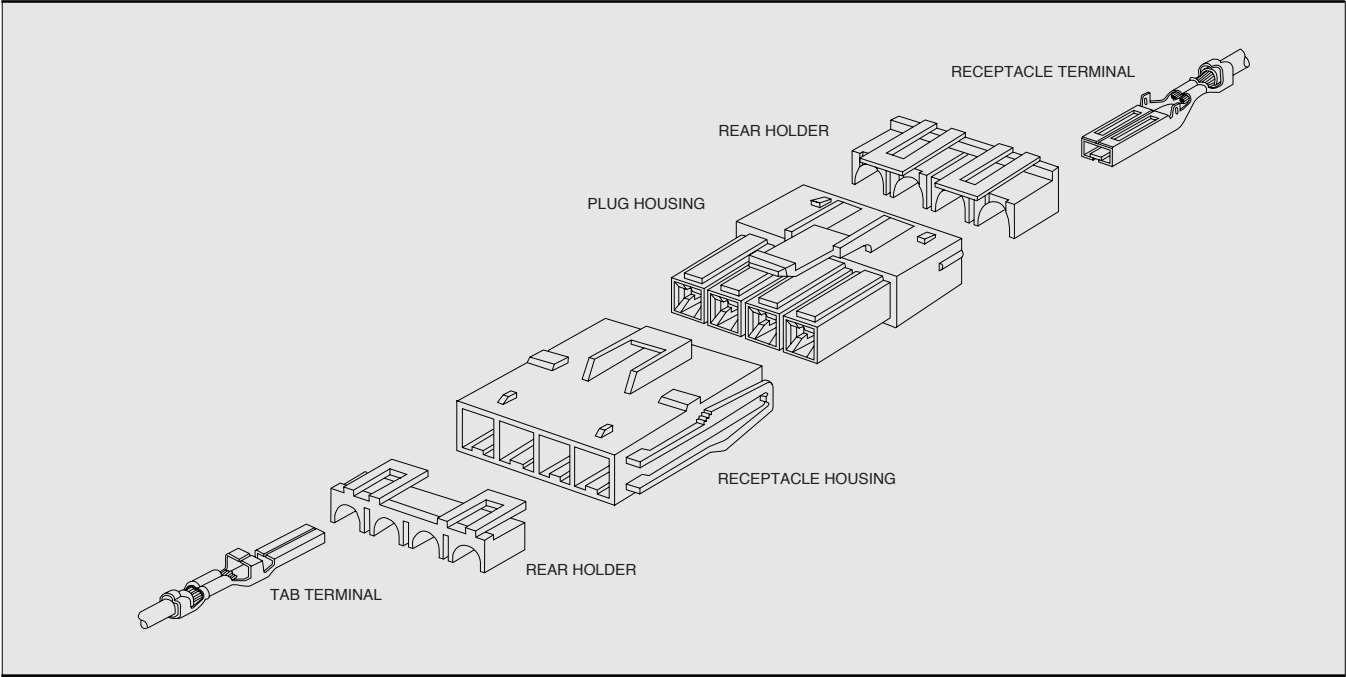
Ø 1.3 CONNECTOR

Poles	Voltage rating	Current rating	Plug housing for female terminal	Receptacle housing for male terminal
6	300	8	● MG 610030 	● MG 620029 (MG 621282) 
9	300	6	● MG 610032 	○ MG 620201  ● MG 620031 
12	300	6	● MG 610034 	● MG 620033 
15	300	6	● MG 610036 	● MG 620035 

Note : Housing for Ø1.3 Pin Term, of any circuit can be used either panel mounting or free hanging.
For panel mounting hole refer to page 33.
The receptacle housings without wing are not listed on U.L. yet.

3220 CONNECTOR

LAY-OUT

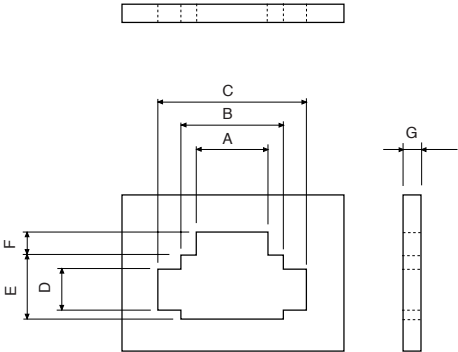


SPECIFICATIONS

Current Capacity		20A AC. DC
Voltage Rating		300V AC. DC
Temperature Range		- 25°C ~ +105°C
Contact Resistance		7m Ω Max (Initial Value) 10m Ω Max (Initial Value)
Insulation Resistance		1,000M Ω Min
Dielectric Strength		AC 1500V /Min
Wire Size		AWG #20- #12 (0.5mm ² -3.5mm ²)
Material	HS'G	PBT 94V-0
	R/H	PBT 94V-0
	TML	TAB:Brass Pre-Tin REC.:Phos.Bronze Pre-Tin

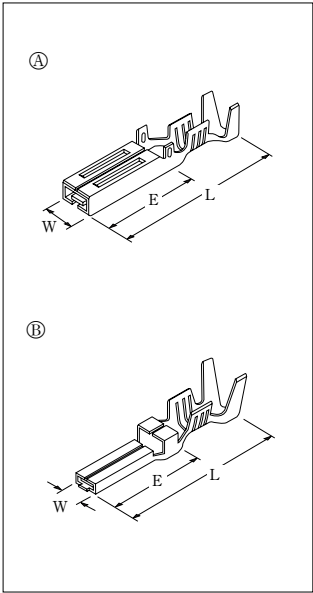
PANEL HOLE DIMENSIONS

Poles	Part Number	Panel hole dimensions(mm) Tolerance ± 0.1						
		A	B	C	D	E	F	G
2	MG 620874	10.0	13.9	20.5	5.5	8.7	3.0	0.8-2.4
3	MG 620877	10.0	20.1	26.7	5.5	8.7	3.0	0.8-2.4
4	MG 620980	22.4	26.3	32.9	5.5	8.7	3.0	0.8-2.4
6	MG 620994	10.1	20.1	26.7	6.7	15.7	3.0	0.8-2.4



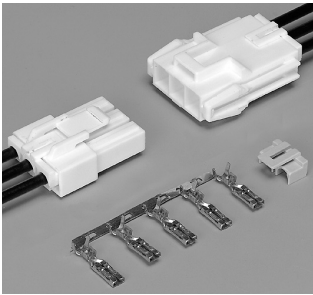
3220 CONNECTOR

► TERMINAL



Part No.	Wire Range		Tab	Material		Dimension (mm)			Type	Q'ty
	AWG	mm ²	Thick.	Thick.	Finish	L	E	W		Reel
■ ST 730641-3	22-18	0.3-0.75	2.0	0.25	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1	Ⓐ	2,000
ST 730977-3										
■ ST 730638-3	16-14	1.25-2.0	2.0	0.25	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1		2,000
ST 730978-3										
ST 730639-3	12	3.5	2.0	0.25	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1		2,000
ST 730979-3										
■ ST 730681-3	20+20	0.5+0.5	2.0	0.25	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1		2,000
ST 730980-3	20+18	0.5+0.75								
	20+16	0.75+1.25								
	18+18	0.75+0.75								
■ ST 740637-3	22-18	0.3-0.75	2.0	0.3	Brass Pre - Tin	23.2	11.0	3.2	Ⓑ	2,000
ST 740973-3										
■ ST 740634-3	16-14	1.25-2.0	2.0	0.3	Brass Pre - Tin	23.2	11.0	3.2		2,000
ST 740974-3										
ST 740635-3	12	3.5	2.0	0.3	Brass Pre - Tin	23.2	11.0	3.2		2,000
ST 740975-3										
■ ST 740682-3	20+20	0.5+0.5	2.0	0.3	Brass Pre - Tin	23.2	11.0	3.2		2,000
	20+18	0.5+0.75								
	20+16	0.75+1.25								
	18+18	0.75+0.75								

► HOUSING



Poles	Plug housing for female terminal	Receptacle housing for male terminal	Rear Holder
1	■ MG 610981 	■ MG 620982 	■ MG 630989-2
	■ MG 610873 	■ MG 620874 (MG 621020) 	■ MG 630875-2
3	■ MG 610876 	■ MG 620877 (MG 621021) 	■ MG 630878-2
	MG 613305 	MG 623306 	MG 633307-2
4	■ MG 610979 	■ MG 620980 (MG 621022) 	■ MG 630986-2
6	■ MG 610993 	■ MG 620994 	■ MG 630878-2

- These connectors are used in industrial equipments and home appliances, such as microwave ovens, washing machines and refrigerators.
- They are suitable for connecting medium and large current carrying circuits, and are available both in relay models and panel-mounting models.
- Rear holders are fitted to the structures to prevent incomplete terminal locking or non-insertion.
- Terminals are designed as a box-type structures to improve contact and electrical reliability.
- The Push-Pull Locking structure prevents arm-locking in housing locking types.

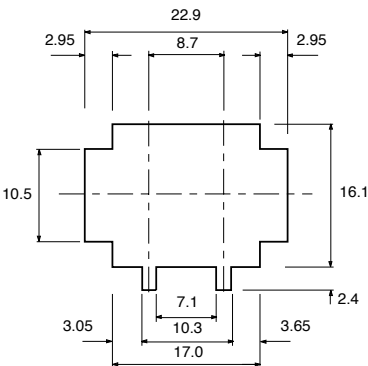
0709 MULTI CONNECTOR

HOUSING	Material:PBT	
	Available in 4,6 circuits. Can be used either panel mounting or free hanging	
TERMINAL	Material	
	RECEPTACLE	TAB
	COPPER ALLOY	BRASS
	Available in two sizes for wire 0.3~2.0mm ² (AWG 22~14)	

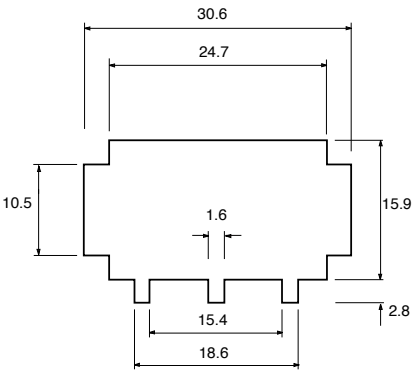
Temperature Range	-20℃ ~ +105℃
Current Rating	15A (Max)
Voltage Drop	3(mV / A)MAX.(Initial Value)
Insulation Resistance	1,000(M Ω) / DC500(V)
Dielectric Strength	AC1,500(V / MIN. Initial Value)

PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.



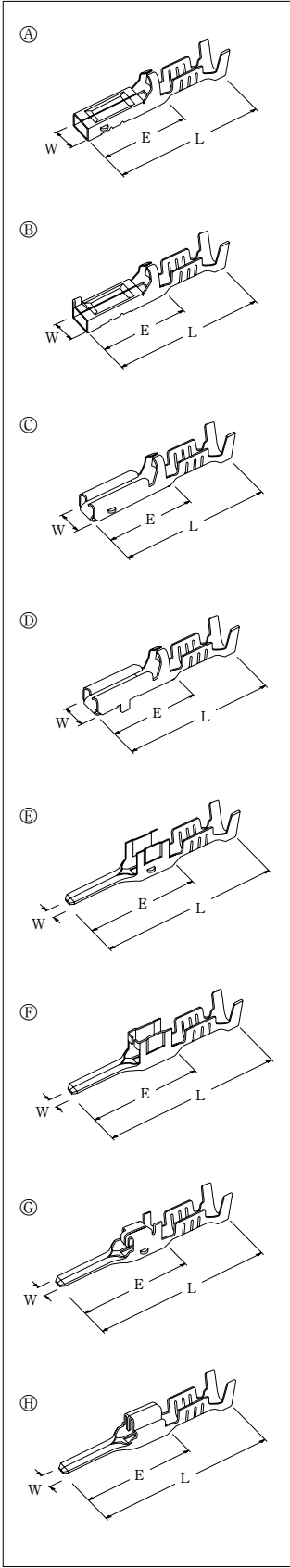
4P PANEL HOLE DIMENSION



6P PANEL HOLE DIMENSION

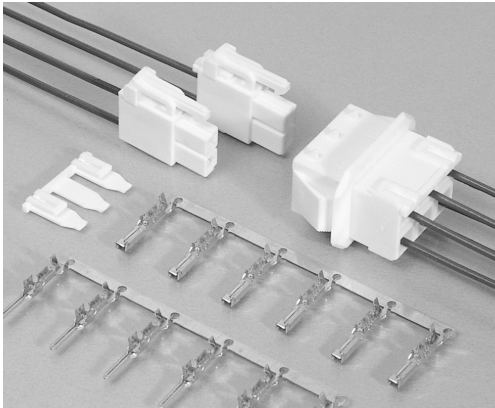
0709 MULTI CONNECTOR

TERMINAL



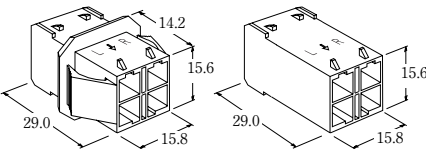
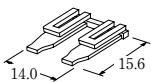
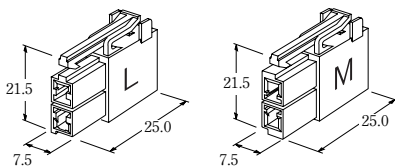
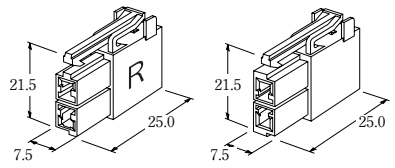
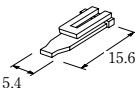
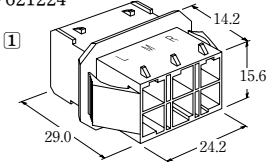
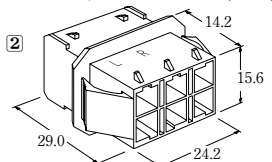
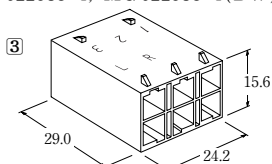
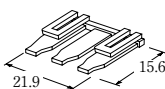
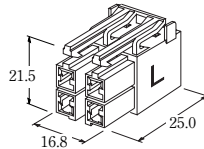
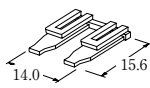
Part No.	Wire Range		Tab Thick.	Material		Dimension (mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
▲ ST 730837-3	22-20	0.3-0.5	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0	A	3,000
▲ ST 730838-3	20-18	0.5-0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,500
▲ ST 730839-3	16-14	1.25-2.0	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		3,000
▲ ST 730840-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,500
▲ ST 730841-3	22-20	0.3-0.5	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0	B	3,000
▲ ST 730842-3	20-18	0.3-0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,500
▲ ST 730843-3	16-14	1.25-2.0	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		3,000
▲ ST 730844-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,500
■ ST 730821-3	22-20	0.3-0.5	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0	C	3,000
■ ST 730822-3	20-18	0.3-0.75	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		2,500
■ ST 730823-3	16-14	1.25-2.0	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		3,000
■ ST 730824-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		2,500
▲ ST 730825-3	22-20	0.3-0.5	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0	D	3,000
▲ ST 730826-3	20-18	0.3-0.75	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		2,500
▲ ST 730827-3	16-14	1.25-2.0	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		3,000
▲ ST 730828-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.25	Brass Pre-Tin	19.2	10.1	3.0		2,500
▲ ST 740829-3	22-20	0.3-0.5	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8	E	3,000
▲ ST 740830-3	20-18	0.3-0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,500
▲ ST 740831-3	16-14	1.25-2.0	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		3,000
▲ ST 740832-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,500
▲ ST 740833-3	22-20	0.3-0.5	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8	F	3,000
▲ ST 740834-3	20-18	0.3-0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,500
▲ ST 740835-3	16-14	1.25-2.0	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		3,000
▲ ST 740836-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,500
▲ ST 740812-3	22-20	0.3-0.5	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3	G	3,000
▲ ST 740813-3	20-18	0.3-0.75	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		2,500
▲ ST 740814-3	16-14	1.25-2.0	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		3,000
▲ ST 740815-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		2,500
▲ ST 740816-3	22-20	0.3-0.5	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3	H	3,000
▲ ST 740817-3	20-18	0.3-0.75	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		2,500
▲ ST 740818-3	16-14	1.25-2.0	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		3,000
▲ ST 740819-3	20+20~18+18	0.5+0.5~0.75+0.75	0.6	0.3	Brass Pre-Tin	22.6	13.5	2.3		2,500

0709 MULTI CONNECTOR



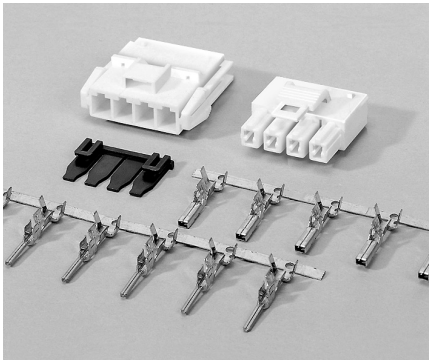
- General connector designed stably for medium voltage parts.
- Panel mounting type.
- Multi type connector convenient for main assembling and controlling.
- Preventing false connection with variable-shape terminals.
- Double lock structure for reliable terminal insertion.
- Suitable for freezing, cold storage or machine room.

► HOUSING

Poles	Receptacle housing for male terminal	Rear Holder	Plug housing for female terminal	Rear Holder																																			
4	▲ MG 621223, MG 621223 (DW) MG 622536  <table><tr><th>HOLE NO.</th><th>APPLICATION TERMINAL TYPE</th></tr><tr><td>1</td><td>ⓕ</td></tr><tr><td>2</td><td>ⓖ</td></tr><tr><td>3</td><td>ⓕ</td></tr><tr><td>4</td><td>ⓗ</td></tr></table>	HOLE NO.	APPLICATION TERMINAL TYPE	1	ⓕ	2	ⓖ	3	ⓕ	4	ⓗ	▲ MG 631229-2,5 	▲ MG 611227-3 ▲ MG 611225  ▲ MG 611226-2 ■ MG 612540 	▲ MG 631228-2,5 																									
	HOLE NO.	APPLICATION TERMINAL TYPE																																					
1	ⓕ																																						
2	ⓖ																																						
3	ⓕ																																						
4	ⓗ																																						
6	▲ MG 621224 ①  ■ MG 622537-4, MG 622537-4 (DW) ②  ■ MG 622538-4, MG 622538-4 (DW) ③  <table><tr><th colspan="2">HOLE NO.</th><th colspan="3">APPLICATION TERMINAL TYPE</th></tr><tr><th></th><th></th><th>①</th><th>②</th><th>③</th></tr><tr><td>1</td><td>4</td><td>ⓕ</td><td>ⓗ</td><td>ⓗ</td></tr><tr><td>2</td><td>5</td><td>ⓕ</td><td>ⓕ</td><td>ⓕ</td></tr><tr><td>3</td><td>6</td><td>ⓖ</td><td>ⓖ</td><td>ⓖ</td></tr></table>	HOLE NO.		APPLICATION TERMINAL TYPE					①	②	③	1	4	ⓕ	ⓗ	ⓗ	2	5	ⓕ	ⓕ	ⓕ	3	6	ⓖ	ⓖ	ⓖ	▲ MG 631230-2,5 	■ MG 612539  <table><tr><th>HOLE NO.</th><th>APPLICATION TERMINAL TYPE</th></tr><tr><td>1</td><td>ⓕ</td></tr><tr><td>2</td><td>ⓗ</td></tr><tr><td>3</td><td>ⓕ</td></tr><tr><td>4</td><td>ⓗ</td></tr></table>	HOLE NO.	APPLICATION TERMINAL TYPE	1	ⓕ	2	ⓗ	3	ⓕ	4	ⓗ	▲ MG 631229-2,5 
	HOLE NO.		APPLICATION TERMINAL TYPE																																				
		①	②	③																																			
1	4	ⓕ	ⓗ	ⓗ																																			
2	5	ⓕ	ⓕ	ⓕ																																			
3	6	ⓖ	ⓖ	ⓖ																																			
HOLE NO.	APPLICATION TERMINAL TYPE																																						
1	ⓕ																																						
2	ⓗ																																						
3	ⓕ																																						
4	ⓗ																																						

Note : DW(DAEWOO Electronics)

1806 D/L CONNECTOR



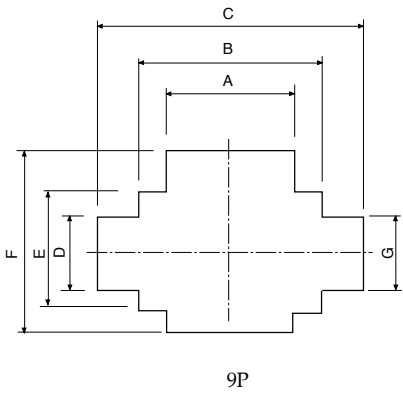
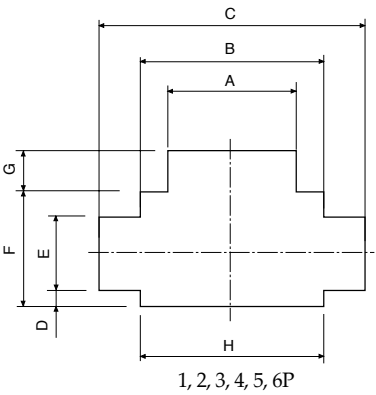
PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

► HOUSING FOR 1806 D/L TERMINAL

Applicable panel thickness:0.3~2.4mm

Poles	Part Number	Panel hole dimensions(mm) Tolerance ± 0.1							
		A	B	C	D	E	F	G	H
1	MG 621533	5.0	-	13.7	3.2	5.5	-	2.0	7.7
2	MG 621173	10.1	13.7	20.3	1.5	5.5	8.5	4.0	13.7
3	MG 621174	10.1	19.9	26.5	1.5	5.5	8.5	4.0	19.9
4	MG 621175	10.1	26.1	32.7	1.5	5.5	8.5	4.0	26.1
6	MG 621469	10.1	19.9	26.5	4.62	6.7	15.7	4.0	19.9

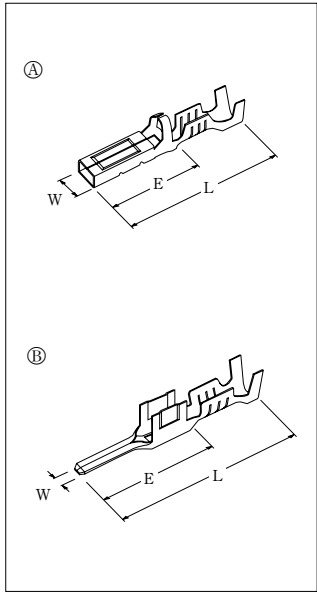


Applicable panel thickness:0.7~2.0mm

Poles	Part Number	Panel hole dimensions(mm) Tolerance ± 0.1							
		A	B	C	D	E	F	G	
9	MG 622880	14.5	25.9	33.1	12.1	19.9	25.8	10.1	

1806 D/L CONNECTOR

► TERMINAL



Part No.	Wire Range		Tab Thick.	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
▲ ST 730694-3	22-20	0.3-0.5	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0	A	3,000
▲ ST 730695-3	20-18	0.5-0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		3,000
▲ ST 730696-3	16-14	1.25-2.0	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,000
▲ ST 730697-3	20+20 ~ 18+18	0.5+0.5 ~ 0.75+0.75	0.6	0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0		2,500
▲ ST 740690-3	22-20	0.3-0.5	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8	B	3,000
▲ ST 740691-3	20-18	0.5-0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		3,000
▲ ST 740692-3	16-14	1.25-2.0	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,000
▲ ST 740693-3	20+20 ~ 18+18	0.5+0.5 ~ 0.75+0.75	0.6	0.3	Brass Pre-Tin	22.5	13.4	1.8		2,500

► HOUSING

Poles	Plug housing for female terminal	Receptacle housing for male terminal		Rear Holder
1	▲ MG 611532 	▲ MG 621534 	▲ MG 621533 	▲ MG 631535-2
2	▲ MG 611163 	▲ MG 621164 	▲ MG 621173 	▲ MG 631165-2
3	▲ MG 611166 	▲ MG 621167 	▲ MG 621174 	▲ MG 631168-2
4	▲ MG 611169 	▲ MG 621170 	▲ MG 621175 	▲ MG 631171-2
6	▲ MG 611468 	▲ MG 621470 	▲ MG 621469 	▲ MG 631168-2
9	■ MG 612725 	■ MG 622724 	■ MG 622880 	

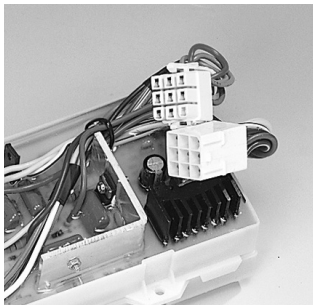
1806 CONNECTOR

 Recognized
File No. E 101181

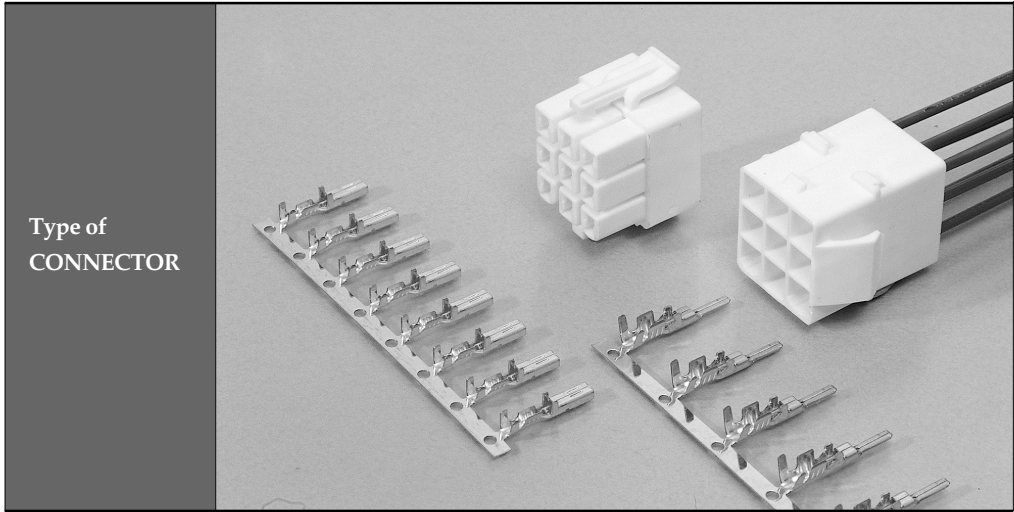
 Certified
File No. LR 60232

TÜV Licensed
 File No. R 9154191
(Conforms to DIN/VDE 0627)

SPECIFICATIONS



Type of
CONNECTOR



HOUSING	Material:PBT	
	Available in 1, 2, 3, 4, 6, 9, 12, 15, 16 circuit. Can be used either panel mounting or free hanging	
TERMINAL	Material	
	RECEPTACLE	TAB
	COPPER ALLOY	BRASS
	Available in two sizes for wire0.13 ~ 2.0mm ² (AWG 26 ~ 14)	

Temperature Range	-20℃ ~ +105℃
Current Rating	15A(Max)
Voltage Drop	3(mV / A) MAX.(Initial Value)
Insulation Resistance	1,000(M Ω) / DC500(V)
Dielectric Strength	AC1,500(V / MIN. Initial Value)

1806 CONNECTOR

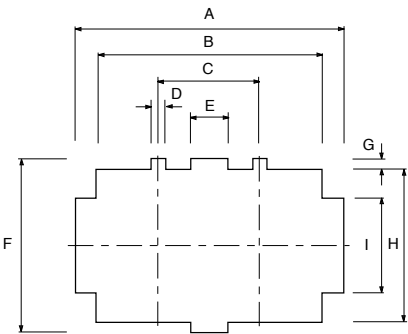
PANEL HOLE DIMENSIONS

Panel hole dimensions are according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

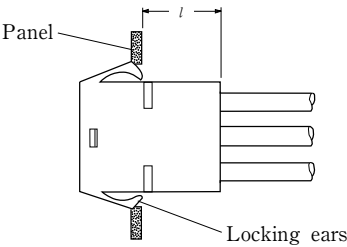
► HOUSING FOR 1806 TERMINAL

Applicable panel thickness:0.8~2.4mm

Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.13								
		A	B	C	D	E	F	G	H	I
2	MG 620225	18.9	13.3	10.0	1.5	4.0	10.2	1.2	7.9	5.8
3	MG 620227	24.9	19.3	12.0	1.5	4.0	10.2	1.2	7.9	5.8
4	MG 620229	18.9	13.3	10.0	1.5	4.0	16.8	1.2	14.5	9.4
4	MG 620231	30.9	25.3	13.8	1.5	4.0	10.2	1.2	7.9	5.8
6	MG 620233	24.9	19.3	12.0	1.5	4.0	16.8	1.2	14.5	9.4
9	MG 620235	24.9	19.3	12.0	1.5	4.0	23.4	1.2	21.1	12.4
12	MG 620237	30.9	25.3	13.8	1.5	4.0	23.4	1.2	21.1	12.4
15	MG 620239	36.9	31.3	13.8	1.5	4.0	23.4	1.2	21.1	12.4
16	MG 620582	54.9	49.3	17.0	1.5	3.5	17.3	1.65	14.5	12.5



PANEL MOUNTING

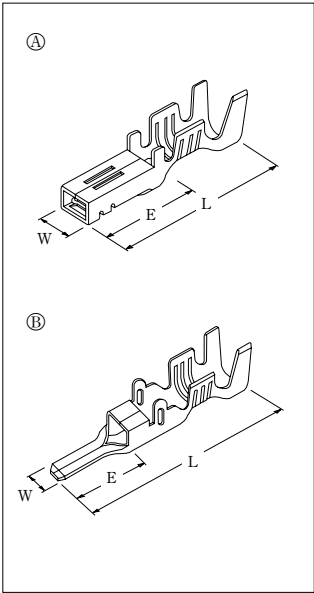


APPLICATION	" l " (mm)
Housing For 1806 Pin Terminal	15.0

For Panel mounting, insert receptacle straight through mounting hole until both of locking ears snap against the sides of the panel hole as shown.

1806 CONNECTOR

► TERMINAL

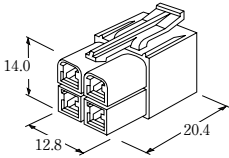
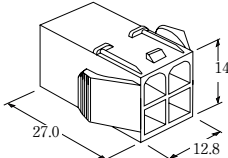
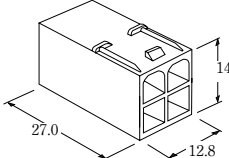
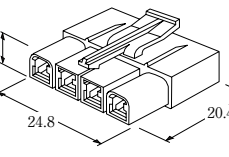
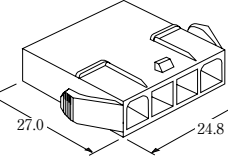
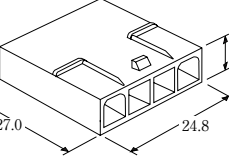
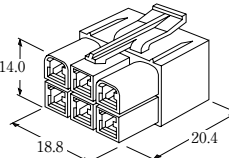
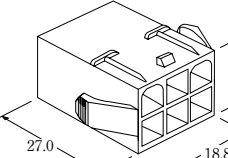
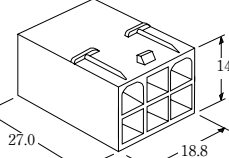
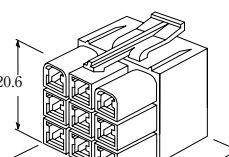
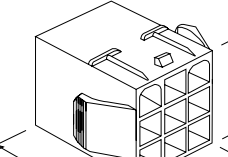
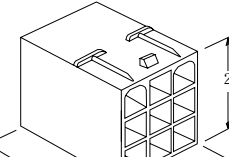
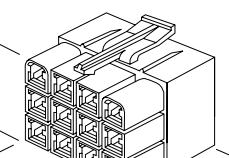
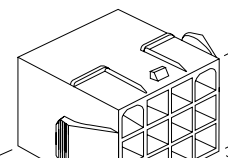
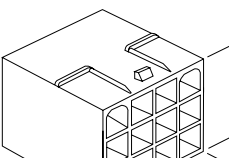
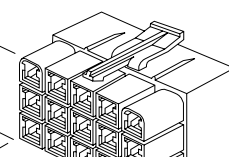
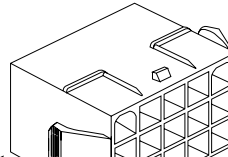
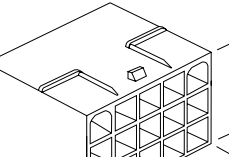


Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
ST 730459-3	1806 REC.(S)	26-24 (0.13-0.22)	0.3	Copper Alloy Pre-Tin	17.8	8.0	2.9	A	6,000
ST 730460-3	1806 REC.(M)	22-20 (0.32-0.52)	0.3	Copper Alloy Pre-Tin	17.8	8.0	2.9		6,000
ST 730461-3	1806 REC.(L)	18-14 (0.75-2.0)	0.3	Copper Alloy Pre-Tin	17.8	8.0	2.9		3,000
ST 730462-3	1806 REC.(XL)	20+20 20+18 20+16 18+18	0.3	Copper Alloy Pre-Tin	17.8	8.0	2.9		2,500
ST 740463-3	1806 TAB(S)	26-24 (0.13-0.22)	0.3	Brass Pre-Tin	20.6	7.7	1.8	B	6,000
ST 740464-3	1806 TAB(M)	22-20 (0.32-0.52)	0.3	Brass Pre-Tin	20.6	7.7	1.8		6,000
ST 740465-3	1806 TAB(L)	18-14 (0.75-2.0)	0.3	Brass Pre-Tin	20.6	7.7	1.8		3,000
ST 740466-3	1806 TAB(XL)	20+20 20+18 20+16 18+18	0.3	Brass Pre-Tin	20.6	7.7	1.8		2,500

► HOUSING

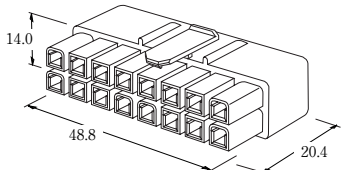
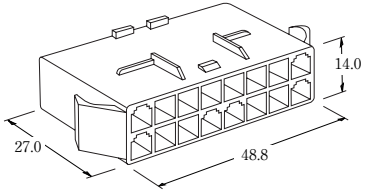
Poles	Plug housing for female terminal	Receptacle housing for male terminal	
1	 MG 610222	 MG 620223	
2	 MG 610224	 MG 620225 MG 621158 (Guide)	 MG 620426
3	 MG 610226	 MG 620227	 MG 620427

1806 CONNECTOR

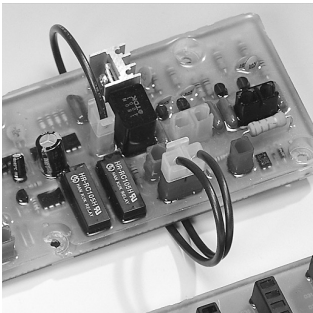
Poles	Plug housing for female terminal	Receptacle housing for male terminal	
4	 MG 610228 Dimensions: 14.0 (height), 12.8 (width), 20.4 (depth)	 MG 620229 Dimensions: 14.0 (height), 27.0 (width), 12.8 (depth)	 MG 620429 Dimensions: 14.0 (height), 27.0 (width), 12.8 (depth)
	 MG 610230 Dimensions: 7.4 (height), 24.8 (width), 20.4 (depth)	 MG 620231 Dimensions: 7.4 (height), 27.0 (width), 24.8 (depth)	 MG 620428 Dimensions: 7.4 (height), 27.0 (width), 24.8 (depth)
6	 MG 610232 Dimensions: 14.0 (height), 18.8 (width), 20.4 (depth)	 MG 620233 Dimensions: 14.0 (height), 27.0 (width), 18.8 (depth)	 MG 620430 Dimensions: 14.0 (height), 27.0 (width), 18.8 (depth)
	 MG 610234 Dimensions: 20.6 (height), 18.8 (width), 20.4 (depth)	 MG 620235 Dimensions: 20.6 (height), 27.0 (width), 18.8 (depth)	 MG 620431 Dimensions: 20.6 (height), 27.0 (width), 18.8 (depth)
12	 MG 610236 Dimensions: 20.6 (height), 24.8 (width), 20.4 (depth)	 MG 620237 Dimensions: 20.6 (height), 27.0 (width), 24.8 (depth)	 MG 620432 Dimensions: 20.6 (height), 27.0 (width), 24.8 (depth)
	 MG 610238 Dimensions: 20.6 (height), 30.8 (width), 20.4 (depth)	 MG 620239 Dimensions: 20.6 (height), 27.0 (width), 30.8 (depth)	 MG 620433 Dimensions: 20.6 (height), 27.0 (width), 30.8 (depth)

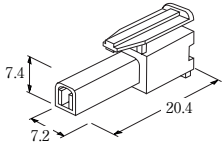
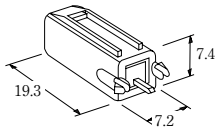
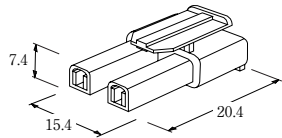
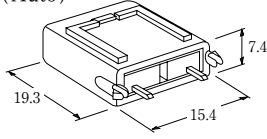
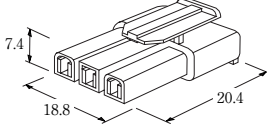
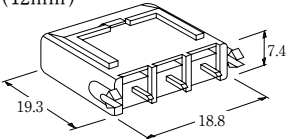
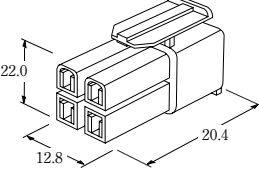
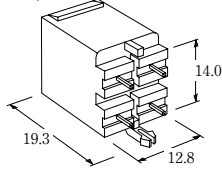
Note : Housing for 1806 Term, of any circuit can be used either panel mounting or free hanging. For panel mounting hole refer to page 46.
The receptacle housings without wing are not listed on U.L. yet.

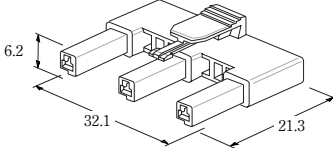
1806 CONNECTOR

16	■ MG 610581 	■ MG 620582 
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► PCB HOUSING



Poles	Plug housing for female terminal	Receptacle housing for male terminal
1	▲ MG 610596 	▲ MG 640595 
2	▲ MG 610599 	▲ MG 640598 (8mm) MG 641265 (Auto) 
3	▲ MG 610606 	▲ MG 640608 (6mm) MG 640580 (12mm) 
4	▲ MG 610476 	▲ MG 640475 (6mm) 

3	MG 613212 
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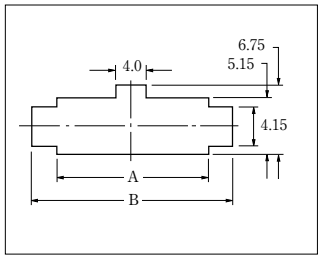
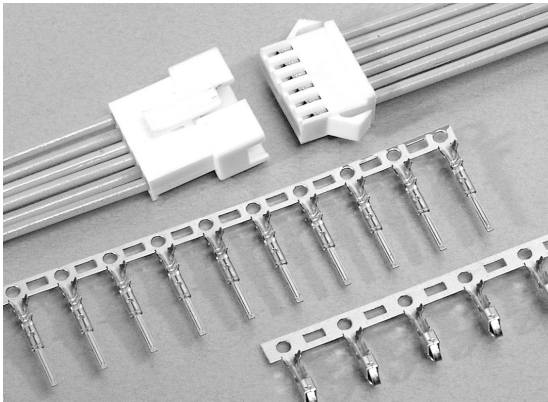
1006 CONNECTOR

Crimping type wire-to-wire connectors 2.5mm pitch disconnectable connectors with panel lock and box type contacts

In addition to electrical applications such as air conditioners, sewing machines, etc. 1006 connectors are also applicable in the field of electronics for instruments and micro-computers.

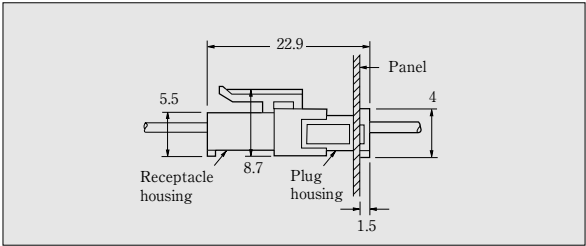
► SPECIFICATIONS

- Current rating : 3A AC, DC
- Temperature range : -25°C ~ +85°C
- Contact resistance : 20m Ω /max.
- Insulation resistance : 500M Ω /min.
- Withstand voltage : 1,000V AC/minute



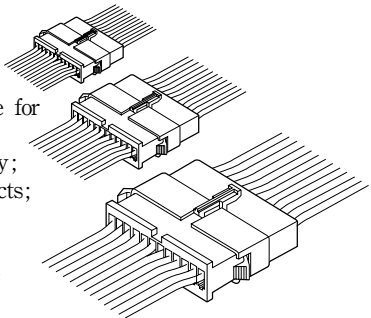
poles	Application		Panel thickness(mm)					
	Housing Connector		0.5-0.9		1.0-1.2		1.6-2.0	
	Part No.	Description	A	B	A	B	A	B
2	MG 610128	1006 2P	$\begin{smallmatrix} +0.15 \\ -0 \end{smallmatrix}$	± 0.1	$\begin{smallmatrix} +0.15 \\ -0 \end{smallmatrix}$	± 0.1	$\begin{smallmatrix} +0.15 \\ -0 \end{smallmatrix}$	± 0.1
6	MG 610136	1006 6P	5.7	9.6	5.7	9.8	5.7	10.0
10	MG 610144	1006 10P	15.7	19.6	15.7	19.8	15.7	20.0
12	MG 610148	1006 12P	25.7	29.6	25.7	29.8	25.7	30.0
			30.7	34.6	30.7	34.8	30.7	35.0

► PANEL MOUNTING DIMENSIONS



► FEATURES

- Suitable for wide range of panel thickness.
- Panel locking mechanism allows easy mounting;no tools are needed.
- Male and Female connector interlocking is positive, strong, and keeps the mated connectors firmly together.
- Folded type male contact is strong to withstand twist or bend.
- Spring contact surface assures easy, trouble-free mating and long life for repeated disconnections.
- Multi-pole shell type housing protects and isolates contacts completely; rectangular shape gives stable location for both connectors and contacts; turn or twist prevented.
- Polarization prevents mismating.
- Box type socket contact makes connection to both sides of the male pin with clean wiping action and high contact pressure.
- Mating parts are protected inside of the wrapped construction.

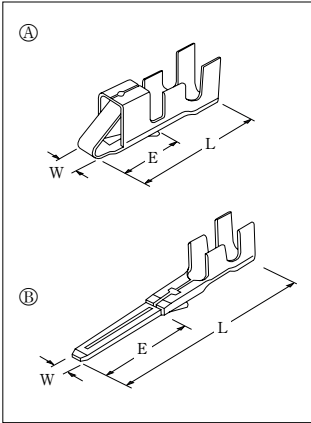


1006 CONNECTOR

TÜV Licensed



File No.R 9154195
(Conforms to DIN / VDE 0627)



► TERMINAL

Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
○ ST 730335-3 ST 730910-3	1006 Rec.	26-22 (0.13-0.33)	0.2	Phos. Bronze Pre-Tin	9.0	3.8	1.9	Ⓐ	5,000
○ ST 740334-3									
○ ST 740334-3	1006 Tab.	26-22 (0.13-0.33)	0.25	Brass Pre-Tin	15.8	7.0	1.0	Ⓑ	8,000

► HOUSING

Poles	Plug housing for female terminal	Receptacle housing for male terminal
2	○ MG 610128 	○ MG 620129
6	○ MG 610136 MG 611364 (M/Function) 	○ MG 620137
10	○ MG 610144 	○ MG 620145
12	○ MG 610148 	○ MG 620149

4	MG 610454 	Suitable Terminal: ST 730335, ST 730910
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PCB CONNECTOR

► 4.3mm P.C.B TAB TERMINAL

Part No.	Wire Range		Tab Thick.	Material		Dimension (mm)			Type	Q'ty / Bag
	AWG	mm ²		Thick.	Finish	L	E	W		
ST 740284-1				0.5	Brass	9.7	5.2	4.0	Ⓐ	10,000
ST 740284-2					Brass/Tin					
GP 880236-1		2.5		0.5	Brass	12.0	5.2	4.0	Ⓑ	2,000
GP 880236-2		5.0			Brass/Tin					

► .250 P.C.B TAB TERMINAL

GP 881191-1		Pitch : 4.8		0.8	Brass	15.5	8.0	6.35	Ⓒ	2,000
GP 881191-2					Brass/Tin					
GP 881206-1		Pitch : 4.8		0.8	Brass	18.0	8.0	6.35	Ⓓ	2,000
GP 881206-2					Brass/Tin					

► .187 P.C.B TAB TERMINAL

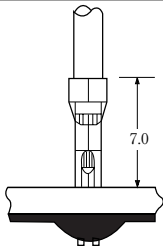
△ GP 881200-1		Pitch : 4.5		0.5	Brass	12.15	6.35	4.75	Ⓔ	5,000
△ GP 881200-2					Brass/Tin					
△ GP 881205-1		Pitch : 4.5		0.5	Brass	14.5	6.35	4.75	Ⓕ	5,000
△ GP 881205-2					Brass/Tin					
△ GP 881216-1		Pitch : 6.5		0.5	Brass	14.5	6.35	4.75	Ⓖ	2,000
△ GP 881216-3					Pre-Tin					

- Many single-pole wire connections are used on printed circuit boards.
- The crimping connector is inserted into the hole of PC Board ; enable fast processing and easy soldering.
- Eliminated the insecurity frictional connection of usual two-piece connectors.



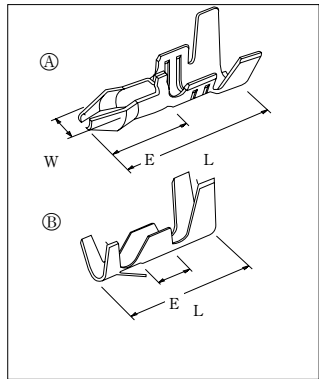
► Specifications

- Temperature range : -25℃ ~ +85℃
- Applicable wires : AWG #26 ~ #18
- Applicable PC board thickness : .063" (1.6mm)



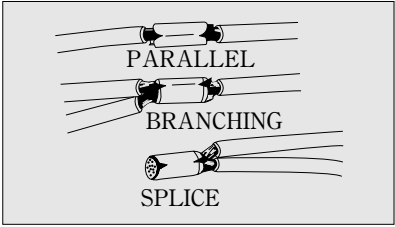
► Ø 1.8 P.C.B CONTACT TERMINAL

Part No.	Wire Range		Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²	Thick.	Finish	L	E	W		
△ ST 780387-3	26-20	0.13-0.5	0.25	Brass Pre-Tin	10.0	3.6	2.2	Ⓐ	6,000
△ ST 780400-3	22-18	0.3-0.83	0.25	Brass Pre-Tin	10.0	3.6	2.2		5,000
ST 780956-3	16	1.25							
△ ST 780487-3	22-18	0.3-0.83	0.2	Brass Pre-Tin	6.8	4.1		Ⓑ	4,000



SPLICE

- Designed for the crimping terminals which combine with two or more stranded wires.
- Suitable for electrical home appliances, automotive circuits and electronic products : also useful in general circuits.



► WIRE SPLICE(SIDE FEED)

Part No.	Wire Range		Material		Dimension (mm)			Type	Q'ty
	AWG	mm²	Thick.	Finish	L	E	W		Reel
ST 760320-1	22-16	0.5-1.5	0.5	Brass	6.0		3.2		5,000
ST 760320-2				Brass/Tin					8,000
ST 760149-1	16-12	1.5-2.5	0.5	Brass	6.0		4.0		4,000
ST 760149-2				Brass/Tin					8,000
ST 760299-1	16-12	1.5-2.5	0.5	Brass	6.0		5.0		2,000
ST 760299-2				Brass/Tin					
ST 760145-1	12-10	3.0-5.3	0.6	Brass	6.0		6.0		1,800
ST 760145-2				Brass/Tin					
ST 760146-1	10-8	5.3-8.4	0.6	Brass	8.0		8.0		1,000
ST 760146-2				Brass/Tin					
ST 760344-1	5-4	16.0-18.0	0.8	Brass	8.5		10.0		600
ST 760344-2				Brass/Tin					

► AUTO SPLICE

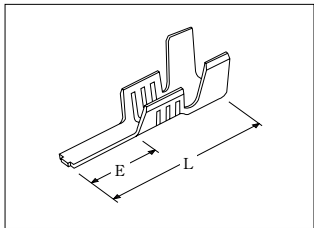
- Mainly used with joint combination terminals, and crimping to combine two or more stranded wires.
- The clip bends are used with wires in insulation barrels.

► AUTO SPLICE (SIDE FEED)

Part No.	Wire Range	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	Thick.	Finish	L	E	W		
ST 760361-1	20× 5EA	0.3	Brass	12.5	5.0	4.0		3,000
ST 760361-2	18× 4EA 16× 3EA		Brass/Tin					
ST 760362-1	18× 6EA		0.5					Brass
ST 760362-2	16× 4EA 14× 3EA	Brass/Tin						
ST 760363-1	18× 11EA	0.6	Brass	14.0	6.0	7.5		2,500
ST 760363-2	16× 6EA 14× 4EA		Brass/Tin					

SPLICE

- Designed for electronic equipment and electrical home appliances.
- Mainly for use with crimping terminals which combine two or more stranded wires.

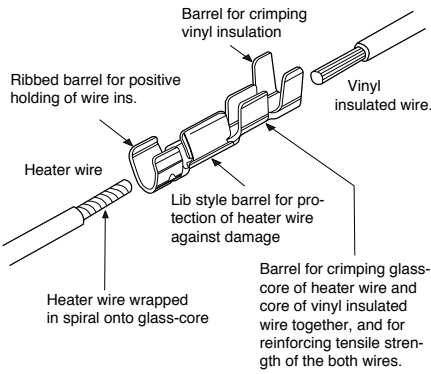


► MISCELLANEOUS SPLICE

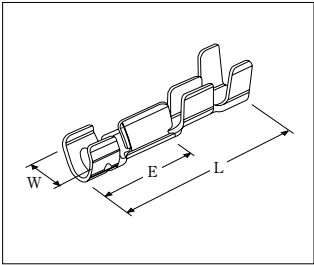
Part No.	Wire Range		Material		Dimension(mm)			Type	Q'ty / Reel
	AWG	mm ²	Thick.	Finish	L	E	W		
ST 760396-1	18-14	0.81-2.27	0.35	Brass	14.7	7.1			5,000
ST 760396-2				Brass/Tin					

► HEATER SPLICE

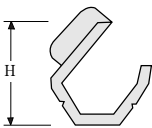
- This terminal is designed to join nichrome heater wire & copper wire by crimping together in one terminal.
- The heater wire is crimped in two separate sections.
- There is also an insulation grip for both wires.



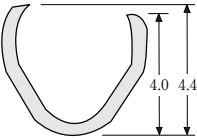
► HEATER SPLICE



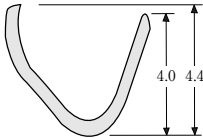
Part No.	Wire Range		Material		Dimension(mm)				Type	Q'ty / Reel
	AWG	mm ²	Thick.	Finish	L	E	W	H		
ST 760322-1	22-18	0.3-0.85	0.4	Brass	19.0	9.7	4.5	3.0		5,000
ST 760322-2				Brass/Tin						
ST 760432-1	22-18	0.3-0.85	0.4	Brass	19.0	9.7	4.5	3.8		5,000
ST 760432-2				Brass/Tin						
ST 760323-1	22-18	0.3-0.85	0.4	Brass	19.0	9.7	4.5	3.0		5,000
ST 760323-2				Brass/Tin						



Part No.
ST 760322
ST 760432



Part No.
ST 760323

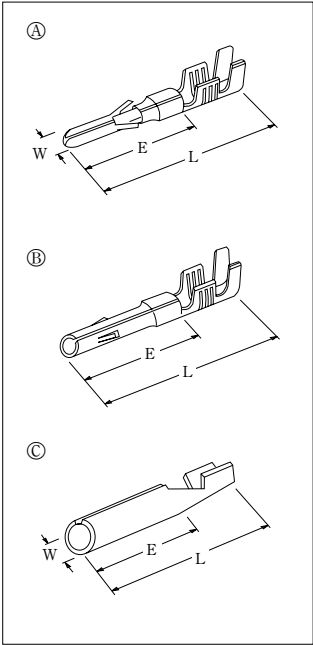


Heater wire Barrel Types

Heater Insul. Barrel Types

PIN & RECEPTACLE TERMINAL

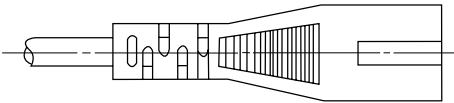
► Ø 2.36 TERMINAL



Part No.	Description	Wire Range AWG mm ²	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
ST 750301-3	2.36 Pin	20-18 (0.5-0.85)	0.3	Brass Pre-Tin	23.0	15.5	2.36	Ⓐ	3,000
◇ ST 750161-3		18-14 (0.75-2.27)	0.3	Brass Pre-Tin	23.0	15.5	2.36		3,000
ST 730300-3	2.36 Rec.	20-18 (0.5-0.85)	0.3	Brass Pre-Tin	19.0	11.5		Ⓑ	3,000
◇ ST 730160-3		18-14 (0.75-2.27)	0.3	Brass Pre-Tin	19.0	11.5			3,000

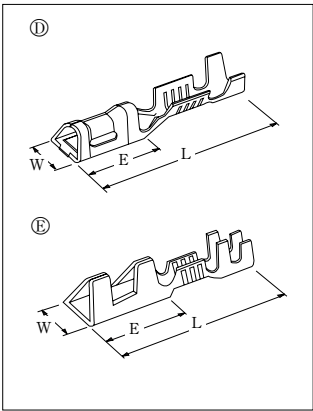
► AC POWER CORD TERMINAL

Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
ST 730076-1	ø 2.35 Connector	20-14 (0.5-2.27)	0.4	Brass	16.0	9.5	3.15	Ⓒ	4,000



- Designed for use in various electronic and electrical appliances.
- These connectors provide stable electrical efficiency and extremely reliable insertion and withdrawal resistance.

► MULTI COMBINATION TERMINAL

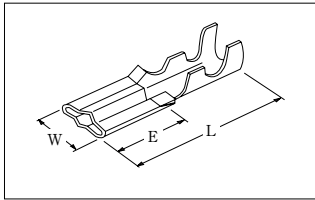


Part No.	Description	Wire Range AWG (mm ²)	Material		Dimension (mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
ST 730256-3	ø 2.0 Rec. (Without Lance)	22-20 (0.3-0.5)	0.3	Brass Pre-Tin	18.5	7.4	4.8	Ⓓ	7,000
ST 730257-3		18-14 (0.85-2.27)	0.3	Brass Pre-Tin	18.5	7.4	4.8		5,000
ST 730172-1	ø 2.0 Rec. (With Lance)	20-16 (0.5-1.25)	0.3	Brass	16.0	6.0	3.05	Ⓔ	10,000
ST 730172-2				Brass/Tin					

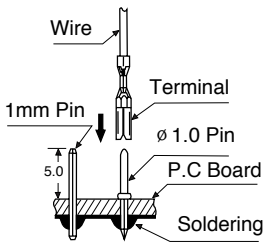
MISCELLANEOUS PRODUCT

Pin Receptacle for Wire Wrapping Post

► Ø1.0 TERMINAL



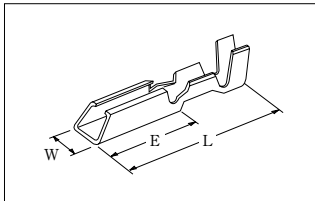
Part No.	Wire Range		Pin Dia.	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
ST 730090-3	24-20	0.21-0.5	ø10	0.25	Brass Pre-Tin	14.2	5.5	3.7		10,000
ST 730360-3	24-20	0.21-0.5	ø10	0.25	Brass Pre-Tin	14.2	5.5	3.7		10,000



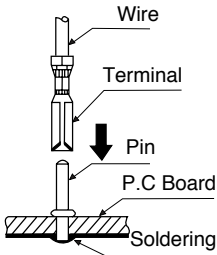
Specification

- Current rating 3A AC, DC
- Contact Res. 10mΩ / Initial Max.

► .090(Ø2.36) TERMINAL



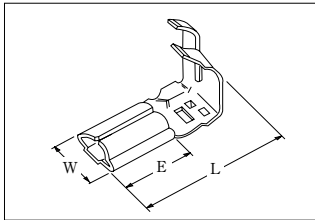
Part No.	Wire Range			Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
ST 730014-3	24-20	0.2-0.56	Without Lance	0.25	Brass Pre-Tin	15.2	7.0	3.0		15,000
ST 730017-3	24-20	0.2-0.56	With Lance	0.25	Brass Pre-Tin	15.2	7.0	3.0		10,000



Specification

- Current rating 5A AC, DC
- Contact Res. 10mΩ / Initial Max.

► Ø2.29 CLUSTER TERMINAL



Part No.	Wire Range		Pin Dia.	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm ²		Thick.	Finish	L	E	W		
■ ST 730397-1	18-16	0.75-1.25	ø2.29	0.45	Phos.Bronze	13.7	6.5	6.0		6,000
■ ST 730397-2					Phos.Bronze/Tin					

Serve as single-pole connector for connection with cluster pin(Ø2.29mm) and lead wire of motor sealed in compressor for refrigerator, air-conditioner, etc.

BULLET TERMINAL

► .180(Ø4.57) TERMINAL

Part No.	Description	Wire Range AWG mm ²	Material		Dimension(mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
◇ ST 750035-1	ø 4.57 Pin	20-14 (0.56-2.27)	0.5	Brass	18.8	10.8	4.6	Ⓐ	5,000
◇ ST 750035-3				Pre-Tin					
◇ ST 750120-1	ø 4.57 Pin (Mold Type)	20-14 (0.56-2.27)	0.5	Brass	18.9	11.0	4.6	Ⓑ	5,000
◇ ST 750120-3				Pre-Tin					
ST 750423-1		12-10 (3.0-5.0)	0.5	Brass	18.9	11.0	4.6		4,000
ST 750423-3				Pre-Tin					
◇ ST 730029-1	ø 4.57 Rec.	12-10 (3.0-5.0)	0.4	Brass	19.85	10.7	5.2	Ⓓ	5,000
ST 730029-3				Pre-Tin					
◇ ST 730056-1	ø 4.57 Rec. (Mold Type)	20-14 (0.56-2.27)	0.4	Brass	19.85	10.7	5.2	Ⓔ	5,000
ST 730056-3				Pre-Tin					

► .156(Ø3.96) TERMINAL

■ ST 750318-1	ø 3.96 Pin	22-20 (0.3-0.5)	0.5	Brass	17.2	8.6	4.0	©	7,000
■ ST 750318-3				Pre-Tin					
▣ ST 750036-1		18-14 (0.85-2.27)	0.5	Brass	17.2	8.6	4.0		5,000
■ ST 750036-3				Pre-Tin					
■ ST 750398-1		14-12 (2.0-3.0)	0.5	Brass	17.2	8.6	4.0		4,000
■ ST 750398-3				Pre-Tin					
■ ST 730317-1	ø 3.96 Rec.	22-20 (0.3-0.5)	0.4	Brass	17.6	6.5	4.7	①	7,000
■ ST 730317-3				Pre-Tin					
▣ ST 730018-1		18-14 (0.85-2.27)	0.4	Brass	17.6	6.5	4.7		5,000
■ ST 730018-3				Pre-Tin					
■ ST 730343-1		# 18 × 20 # 18 × 20 # 18 × 20 # 18 × 20	0.4	Brass	17.6	6.5	4.7		4,000
■ ST 730343-3				Pre-Tin					
■ ST 730282-1		# 18 × 20 # 18 × 20	0.4	Brass	18.0	6.7	4.7		4,000
■ ST 730282-3				Pre-Tin					
▣ ST 730177-1	ø 3.96 Rec. 2 Hole	18-14 (0.85-2.27)	0.4	Brass	20.2	9.0	11.0	⑦	3,000
■ ST 730177-3				Pre-Tin					

► .140(Ø3.56) TERMINAL

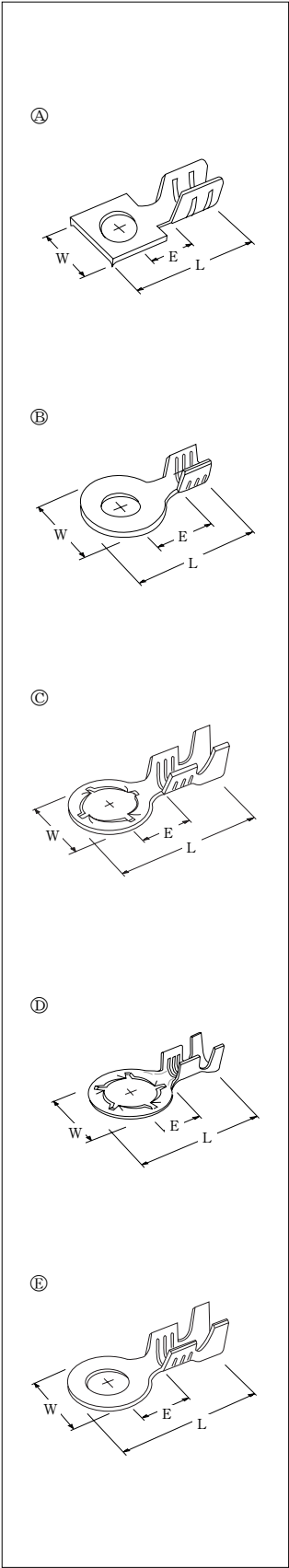
◇ ST 750130-1	ø 3.56 Pin	20-14 (0.5-2.27)	0.5	Brass	15.8	7.2	3.6	Ⓒ	7,000
ST 750130-3				Pre-Tin					
◇ ST 730060-1	ø 3.56 Rec.	20-14 (0.5-2.27)	0.35	Brass	18.0	6.7	4.0	Ⓓ	7,000
ST 730060-3				Pre-Tin					
ST 730179-1	ø 3.56 Rec. 2 Hole	18-14 (0.85-2.27)	0.4	Brass	20.2	9.0	11.0	Ⓕ	3,000
ST 730179-3				Pre-Tin					

► .140(Ø3.56) TERMINAL

Part No.	Description	Wire Range AWG mm ²	Material		Dimension(mm)			Type	Q'ty Reel
			Thick.	Finish	L	E	W		
ST 750426-3	ø 3.56 Pin	20-14 (0.5-2.27)	0.35	Brass	25.2	12.4	3.56	Ⓒ	2,000
ST 750427-3		14-10 (2.0-5.27)		Pre-Tin	25.2	12.4	3.56		2,000

RING TERMINAL

► RING TERMINAL

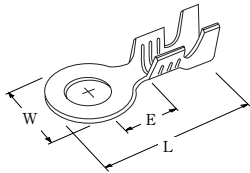


Part No.	Wire Range		Stud Size (mm)	Material		Dimension (mm)			Type	Q'ty / Reel	
	AWG	mm²		Thick.	Finish	L	E	W			
● ST 710175-1	18-14	0.75-2.27	2.5	0.5	Brass	9.2	3.6	4.2	Ⓐ	15,000	
■ ST 710175-3					Pre-Tin						
● ST 710061-1	18-16	0.81-1.33	2.5	0.3	Brass	9.3	3.5	4.6	Ⓑ	15,000	
● ST 710061-2					Brass/Tin					10,000	
● ST 710080-1	20-18	0.5-0.89	3.2	0.5	Brass	9.5	4.0	6.0		10,000	
● ST 710080-3					Pre-Tin					10,000	
● ST 710390-1	20-18	0.5-0.89	3.7	0.4	Brass	9.5	4.0	6.0		10,000	
■ ST 710390-3					Pre-Tin					15,000	
● ST 710296-1	20-18	0.5-0.89	4.3	0.5	Brass	9.5	4.0	6.0		Ⓒ	15,000
■ ST 710296-2					Pre-Tin						5,000
○ ST 710176-1	24-22	0.2-0.3	2.5	0.4	Brass	10.9	3.5	5.2	Ⓓ	15,000	
ST 710176-3					Pre-Tin					5,000	
ST 710489-1	20-14	0.5-2.0	4.3	0.5	Brass	16.75	5.8	7.5	Ⓔ	5,000	
ST 710489-3					Pre-Tin					5,000	
ST 710944-3	18+18	1.5	4.3	0.5	Pre-Tin	16.6	5.8	7.5	Ⓕ	5,000	
ST 710945-3	22-20	0.3-0.5									
ST 710946-3	20-18	0.5-0.75									
ST 710947-3	16-14	1.25-2.0									
○ ST 710151-1	24-20	0.2-0.3	2.5	0.25	Brass	9.3	2.9	4.6	Ⓖ	20,000	
○ ST 710151-2					Brass/Tin					20,000	
○ ST 710011-1	24-22	0.2-0.3	2.5	0.3	Brass	9.3	2.9	4.6		20,000	
○ ST 710011-2					Brass/Tin					10,000	
○ ST 710174-1	24-22	0.2-0.3	2.5	0.4	Brass	9.8	3.5	5.0		10,000	
ST 710174-3					Pre-Tin					20,000	
● ST 710354-1	20-18	0.3-0.89	2.5	0.25	Brass	9.3	2.9	4.6		20,000	
● ST 710354-2					Brass/Tin					15,000	
● ST 710008-1	22-18	0.3-0.89	2.7	0.3	Brass	11.3	3.8	5.0		15,000	
● ST 710008-2					Brass/Tin					10,000	
● ST 710091-1	22-18	0.3-0.89	2.7	0.5	Brass	11.3	3.8	5.0		10,000	
■ ST 710091-3					Pre-Tin					10,000	
● ST 710079-1	22-18	0.3-0.89	3.03	0.3	Brass	11.3	3.8	5.0		10,000	
■ ST 710079-2					Brass/Tin					15,000	
○ ST 710123-1	28-24	0.08-0.22	3.2	0.3	Brass	9.3	2.9	4.6		15,000	
○ ST 710123-2					Brass/Tin					10,000	
○ ST 710227-1	24-22	0.2-0.3	3.2	0.4	Brass	11.3	3.8	5.0	10,000		
ST 710227-3					Pre-Tin				10,000		
○ ST 710388-1	24-20	0.2-0.56	3.2	0.3	Brass	16.5	6.85	7.0	10,000		
ST 710388-3					Pre-Tin				15,000		
● ST 710010-1	22-18	0.3-0.89	3.2	0.4	Brass	11.3	3.8	5.0	15,000		
■ ST 710010-3					Pre-Tin				5,000		
● ST 710350-1	22-18	0.3-0.89	3.2	0.5	Brass	16.75	5.8	7.5	10,000		
■ ST 710350-3					Pre-Tin				10,000		
● ST 710132-1	20-18	0.56-0.89	3.2	0.5	Brass	11.5	3.5	6.0	10,000		
■ ST 710132-3					Pre-Tin				10,000		
● ST 710086-1	20-18	0.56-0.89	3.2	0.5	Brass	11.75	4.0	6.5	10,000		
■ ST 710086-3					Pre-Tin				10,000		
● ST 710290-1	20-18	0.56-0.89	3.2	0.5	Brass	11.25	4.0	5.5	10,000		
■ ST 710290-3					Pre-Tin				5,000		
● ST 710071-1	18-14	0.81-2.27	3.2	0.3	Brass	16.75	5.8	7.5	Ⓖ	5,000	
● ST 710071-2					Brass/Tin						

RING TERMINAL

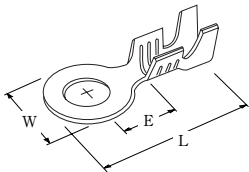
► RING TERMINAL

Part No.	Wire Range		Stud Size (mm)	Material		Dimension(mm)			Type	Q'ty Reel
	AWG	mm²		Thick.	Finish	L	E	W		
○ ST 710124-1	18-14	0.81-2.27	3.2	0.4	Brass	16.75	5.8	7.5		5,000
○ ST 710124-2					Brass/Tin					
⊙ ST 710094-1	18-14	0.81-2.27	3.2	0.5	Brass	16.75	5.8	7.5		5,000
■ ST 710094-3					Pre-Tin					
● ST 710209-1	18-14	0.81-2.27	3.2	0.5	Brass	19.25	7.5	8.5		5,000
● ST 710209-2					Brass/Tin					
● ST 710345-1	20-18	0.56-0.89	3.6	0.5	Brass	10.2	3.0	6.0		10,000
■ ST 710345-3					Pre-Tin					
● ST 710391-1	20-18	0.56-0.89	3.7	0.5	Brass	11.75	4.0	6.5		10,000
■ ST 710391-3					Pre-Tin					
● ST 710229-1	18-14	0.81-2.27	3.7	0.3	Brass	16.75	5.8	7.5		5,000
● ST 710229-2					Brass/Tin					
● ST 710210-1	18-14	0.81-2.27	3.7	0.5	Brass	19.25	7.5	8.5		5,000
● ST 710210-2					Brass/Tin					
○ ST 710062-1	26-24	0.13-0.2	3.95	0.3	Brass	11.3	3.7	5.8		15,000
○ ST 710062-2					Brass/Tin					
● ST 710389-1	22-20	0.3-0.56	4.3	0.3	Brass	16.5	6.85	7.0		10,000
■ ST 710389-3					Pre-Tin					
⊙ ST 710239-1	20-18	0.56-0.89	4.3	0.4	Brass	16.75	5.8	7.5		5,000
⊙ ST 710239-2					Brass/Tin					
⊙ ST 710158-1	20-18	0.56-0.89	4.3	0.5	Brass	16.75	5.8	7.5		5,000
■ ST 710158-3					Pre-Tin					
⊙ ST 710087-1	20-18	0.56-0.89	4.3	0.5	Brass	11.75	4.0	6.5		10,000
■ ST 710087-3					Pre-Tin					
○ ST 710230-1	20-18	0.56-0.89	4.3	0.3	Brass	11.75	4.0	6.5	10,000	
○ ST 710230-2					Brass/Tin					
● ST 710127-1	18-14	0.81-2.27	4.3	0.4	Brass	16.75	5.8	7.5	5,000	
● ST 710127-2					Brass/Tin					
⊙ ST 710095-1	18-14	0.81-2.27	4.3	0.5	Brass	16.75	5.8	7.5	5,000	
■ ST 710095-3					Pre-Tin					
● ST 710211-1	18-14	0.81-2.27	4.3	0.5	Brass	19.25	7.5	8.5	5,000	
● ST 710211-2					Brass/Tin					
● ST 710289-1	18-14	0.81-2.27	4.3	0.6	Brass	19.25	7.5	8.5	4,000	
● ST 710289-2					Brass/Tin					
● ST 710082-1	18-14	0.81-2.27	4.3	0.3	Brass	16.75	5.8	7.5	5,000	
● ST 710082-2					Brass/Tin					
● ST 710226-1	12-10	3.0-5.3	4.3	0.8	Brass	24.0	8.0	10.0	2,000	
● ST 710226-2					Brass/Tin					
⊙ ST 710155-1	18-14	0.81-2.27	5.1	0.5	Brass	16.6	5.8	7.5	5,000	
■ ST 710155-3					Pre-Tin					
○ ST 710438-1	20 + 20 or 18 + 22 18 + 20 or 18 + 18 16 + 22 or 18 + 20		5.1	0.5	Brass	16.75	5.8	7.5	4,000	
ST 710438-3					Pre-Tin					
⊙ ST 710197-1	18-14	0.81-2.27	5.3	0.5	Brass	19.25	7.5	8.5	4,000	
⊙ ST 710197-2					Brass/Tin					



RING TERMINAL

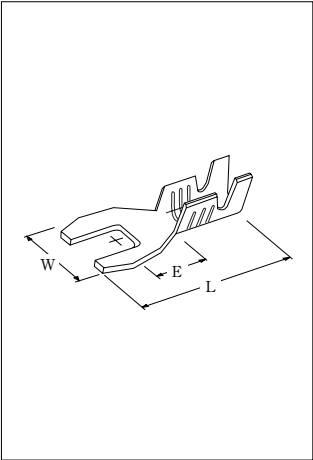
► RING TERMINAL



Part No.	Wire Range		Stud Size (mm)	Material		Dimension(mm)			Type	Q'ty / Reel
	AWG	mm²		Thick	Finish	L	E	W		
● ST 710348-1	20-18	0.5-0.85	5.4	0.6	Brass	19.5	7.5	10.0		5,000
● ST 710348-2					Brass/Tin					
ST 710702-1	14-12	2.0-3.0	5.4	0.8	Brass	26	9.0	12.0		4,000
ST 710702-2					Brass/Tin					
● ST 710237-1	12-10	3.0-5.3	5.4	0.8	Brass	24.0	8.0	10.0		3,000
● ST 710237-2					Brass/Tin					
● ST 710246-1	12-10	3.0-5.3	5.4	1.0	Brass	24.0	8.0	10.0		3,000
● ST 710246-2					Brass/Tin					
○ ST 710264-1	6-5	13.3-16.7	5.4	1.2	Brass	30.0	9.0	10.0		2,000
○ ST 710264-2					Brass/Tin					
○ ST 710235-1	$\frac{22 \times 2}{20 \times 2}$ 20 + 20		6.4	0.4	Brass	24.0	9.0	12.0		4,000
○ ST 710235-2					Brass/Tin					
● ST 710319-1	22-20	0.3-0.56	6.4	0.6	Brass	24.0	9.0	12.0		4,000
■ ST 710319-3					Pre-Tin					
● ST 710236-1	18-14	0.85-2.27	6.4	0.6	Brass	24.0	9.0	12.0		3,000
■ ST 710236-3					Pre-Tin					
● ST 710384-1	12-10	3.0-5.3	6.4	1.0	Brass	29.0	12.0	12.0		3,000
● ST 710384-2					Brass/Tin					
○ ST 710446-1	10 + 10	5.3+5.3	6.4	1.2	Brass	35.7	11.7	14.0		1,500
○ ST 710446-2					Brass/Tin					
○ ST 710450-1	10 + 10	5.3+5.3	6.4	1.2	Brass	30.0	11.0	14.0		1,500
○ ST 710450-2					Brass/Tin					
● ST 710262-1	14-12	2.0-3.0	6.4	0.8	Brass	26.0	9.0	12.0		4,000
● ST 710262-2					Brass/Tin					
● ST 710447-1	12-10	3.0-5.3	6.4	0.8	Brass	26.0	9.0	12.0		3,000
● ST 710447-2					Brass/Tin					
ST 710546-1	10-8	5.0-8.0	6.4	1.0	Brass	29.0	12.0	12.0	1,500	
ST 710546-2					Brass/Tin					
ST 710611-1	10+10	5.0+5.0	6.4	1.2	Brass	34.7	17.7	12.0	1,500	
ST 710611-2					Brass/Tin					
ST 710611-3					Pre-Tin					
ST 710811-1	16	1.25	6.4	0.8	Brass	22.0	9.0	12.0	5,000	
ST 710811-2					Brass/Tin					
● ST 710286-1	18-14	0.85-2.27	8.4	0.6	Brass	30.0	11.0	16.0	3,000	
■ ST 710286-3					Pre-Tin					
● ST 710448-1	16-14	1.25-3.0	8.4	0.8	Brass	30.0	11.0	16.0	3,000	
● ST 710448-2					Brass/Tin					
● ST 710285-1	12-10	3.0-5.3	8.4	0.8	Brass	30.0	11.0	16.0	2,500	
● ST 710285-2					Brass/Tin					
● ST 710263-1	10-8	4.5-8.4	8.4	1.0	Brass	33.0	12.0	16.0	2,000	
● ST 710263-2					Brass/Tin					
ST 710592-1	10+10	5.3+5.3	8.4	1.2	Brass	36.7	19.7	16.0	1,000	
ST 710592-2					Brass/Tin					
● ST 710288-1	18-14	0.85-2.27	10.4	0.6	Brass	33.0	13.0	20.0	2,000	
■ ST 710288-3					Pre-Tin					
● ST 710287-1	12-10	3.0-5.3	10.4	0.8	Brass	33.0	13.0	20.0	2,000	
● ST 710287-2					Brass/Tin					

SPADE TERMINAL

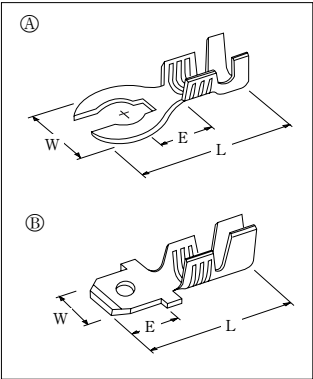
► SPADE TERMINAL



Part No.	Wire Range		Stud Size (mm)	Material		Dimension (mm)			Type	Q'ty Reel
	AWG	mm²		Thick.	Finish	L	E	W		
■ ST 720336-1	24-20	0.2-0.56	3.2	0.5	Brass	17.0	6.6	7.2		5,000
■ ST 720336-3					Pre-Tin					
■ ST 720231-1	22-20	0.3-0.56	3.7	0.5	Brass	17.0	4.5	7.0		5,000
■ ST 720231-3					Pre-Tin					
■ ST 720072-1	24-20	0.2-0.56	4.2	0.25	Brass	17.0	6.6	7.2		10,000
■ ST 720072-3					Pre-Tin					
■ ST 720003-1	24-20	0.2-0.56	4.2	0.5	Brass	17.0	6.6	7.2		5,000
■ ST 720003-3					Pre-Tin					
■ ST 720007-1	20-16	0.56-1.3	5.2	0.5	Brass	17.0	5.9	8.0		5,000
■ ST 720007-3					Pre-Tin					
■ ST 720157-1	20-16	0.56-1.3	5.2	0.6	Brass	17.0	5.9	8.0		5,000
■ ST 720157-3					Pre-Tin					

KEY-HOLE & TAB TERMINAL

► KEY-HOLE TERMINAL



ST 780295-1	18-16	0.81-1.3	4.4	0.8	Brass	21.0	8.0	8.2	Ⓐ	2,500
ST 780295-3					Brass/Tin					
GP 880699-1	12-10	3.0-5.3	5.4	0.8	Brass	24.5	9.0	10.0		1,000
GP 880699-2					Brass/Tin					
GP 880700-1	18-16	0.81-1.3	6.8	0.5	Brass	21.8	9.0	10.5		1,000
GP 880700-2					Brass/Tin					

► TAB TERMINAL

GP 880714-1	14-12	2.0-3.0		0.8	Brass	24.0	11.0	6.35	Ⓑ	1,000
GP 880714-2					Brass/Tin					