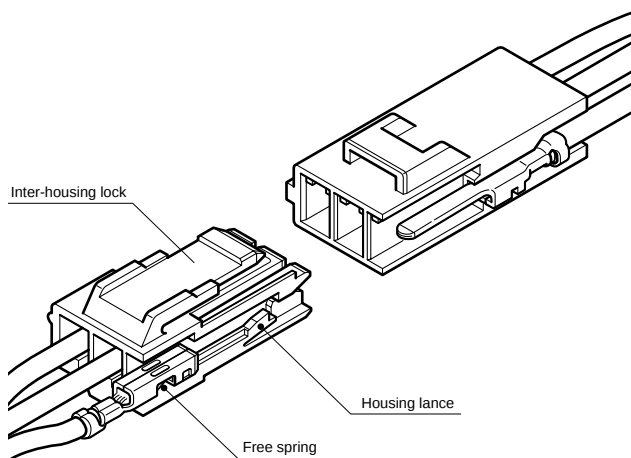
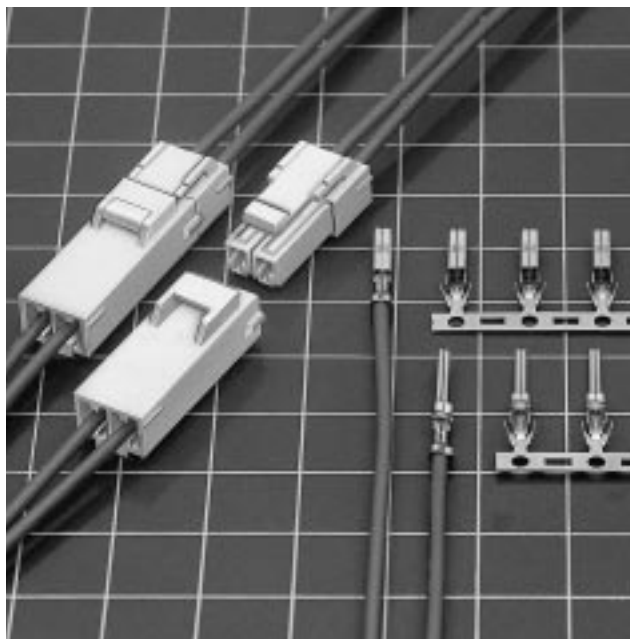


SL CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



Features

• Low insertion force contact

The low insertion force contacts reduce surface finish wear and reduce the effects of stress relaxation.

• Housing lance

The resilient plastic housing lances secure the contacts in the housing. Since the lances are in the housings rather than on the contacts, they are not affected by handling, and allow the contacts to be lightly inserted without undue force. This establishes a feeling of uniform insertion and a noticeable change in that feeling when insertion is completed.

• Inter-housing lock

This inter-housing lock secures the plug to the receptacle and prevents accidental disconnection. The lock is protected and is not affected by external forces that might result from the routing of wires.

Specifications

- Current rating: 7.0A AC, DC max.
- Voltage rating: 300V AC, DC max.
- Temperature range: -25°C to $+90^{\circ}\text{C}$
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/7m Ω max.
After environmental testing/10m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #26 to #18 (0.13 to 0.75mm²)
- * Contact JST for details.

NOTE : The current rating differs depending on the number of circuits and the wire size used in each connector. The table below lists the current rating as a function of the number of circuits and the wire size.

Current unit:A

Circuits	Wire size(AWG)				
	#18	#20	#22	#24	#26
1	7	5	4	3	2
2	7	5	4	3	2
3	6	4	4	3	2
4	6	4	4	3	2
6	6	4	4	3	2

Standards

Recognized file No. E60389

Certified file No. LR20812

File No. R9351104 (conforms to DIN/VDE 0627)

SL CONNECTOR

Contact -----

Pin contact

17.6(693)
2.3(.091) 2.0(.079)
1.4(.055)

Socket contact

12.6(.496)
2.0(.079) 2.3(.091)
1.4(.055)

Model No.		Applicable wire			Q'ty / reel
Pin contact	Socket contact	mm²	AWG #	Insulation O.D. mm(in.)	
SSM-01T-P1.4	SSF-01T-P1.4	0.13 to 0.5	26 to 20	1.3 to 2.5(.051 to .098)	6,000
SSM-21T-P1.4	SSF-21T-P1.4	0.3 to 0.75	22 to 18	1.5 to 2.5(.059 to .098)	
Material and Finish					
Phosphor bronze, Tin-plated					

Note: Contact JST for special products

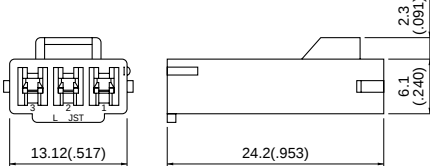
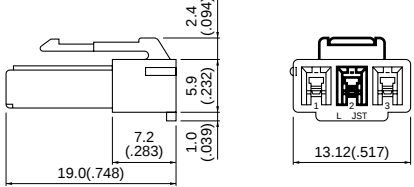
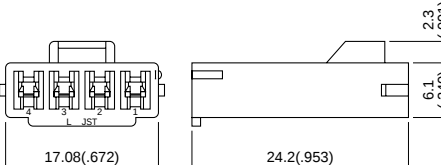
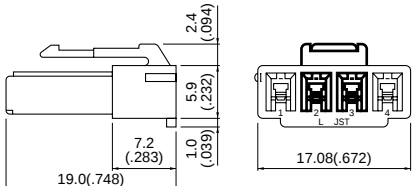
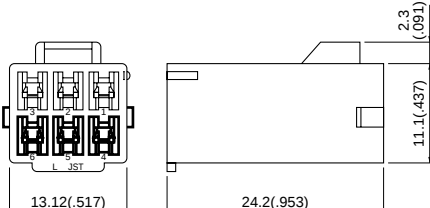
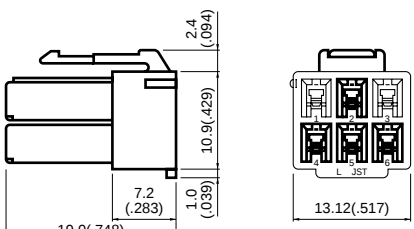
Housing -----

Material: Nylon 66, UL94V-0, white

Circuits	Voltage rating	Current rating	Receptacle housing(for pin contact)		Plug housing(for socket contact)	
1	300V	7.0A	SLR-01VF 24.2(.953) 6.1(.240) 5.2(.205)	Q'ty / bag 1,000	SLP-01V 19.0(.748) 6.1(.240) 5.2(.205)	Q'ty / bag 1,000
2	300V	7.0A	SLR-02VF 24.2(.953) 6.1(.240) 9.16(.361)	Q'ty / bag 500	SLP-02V 19.0(.748) 6.1(.240) 9.16(.361)	Q'ty / bag 500

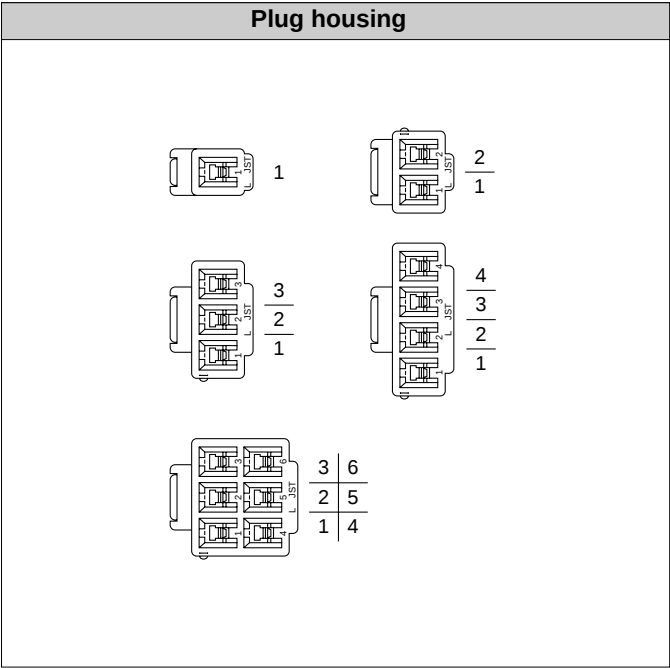
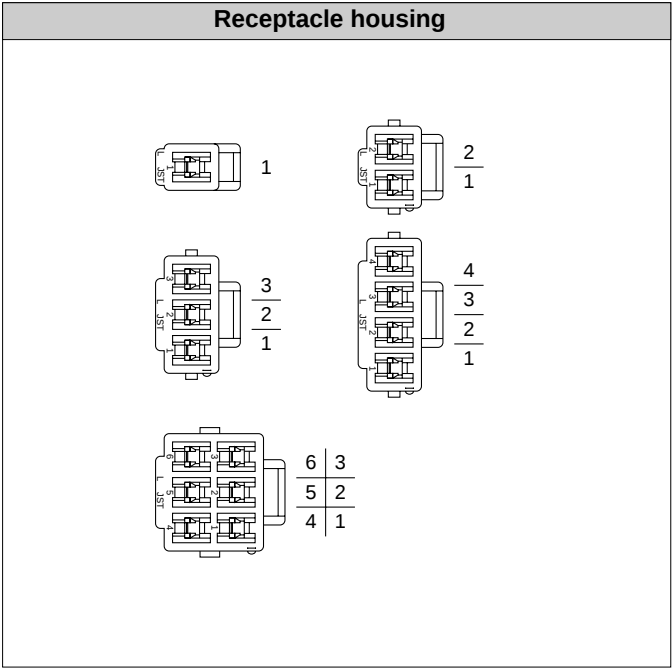
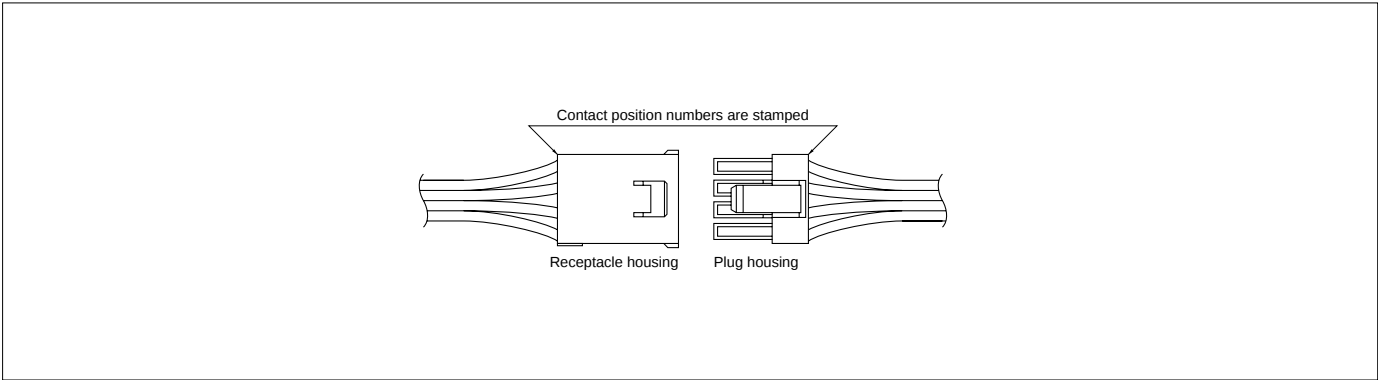
Housing

Material: Nylon 66, UL94V-0, white

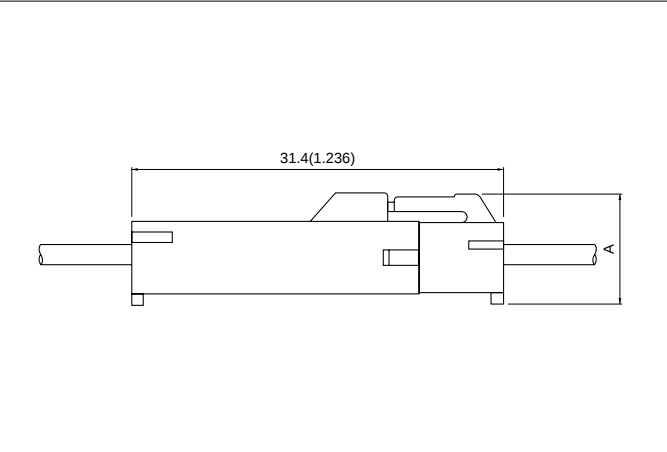
Circuits	Voltage rating	Current rating	Receptacle housing(for pin contact)	Q'ty / bag	Plug housing(for socket contact)	Q'ty / bag
3	300V	6.0A	SLR-03VF 	500	SLP-03V 	500
4	300V	6.0A	SLR-04VF 	500	SLP-04V 	500
6	300V	6.0A	SLR-06VF 	500	SLP-06V 	500

SL CONNECTOR

Contact position location numbers -----



Assembly layout -----



Circuits	Dimensions A mm(in.)
1, 2, 3, 4	9.3(.366)
6	14.3(.563)