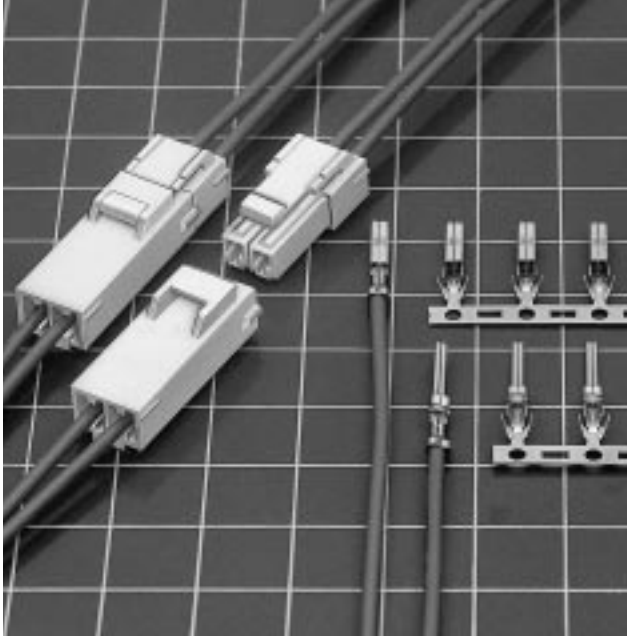


# SL CONNECTOR

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.

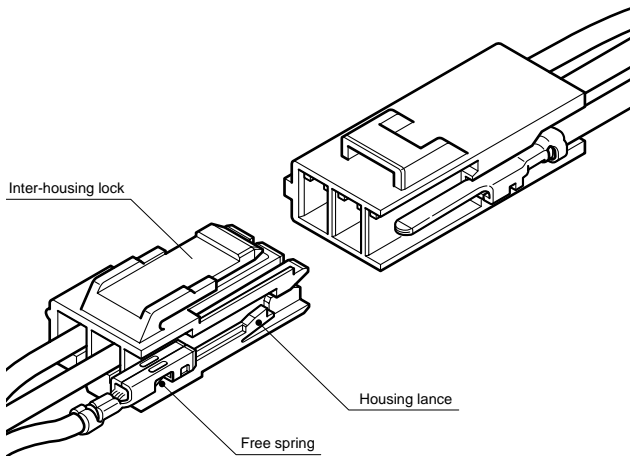
### • Inter-housing lock

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°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/7mΩ max.  
After environmental testing/10mΩ max.
  - Insulation resistance: 1,000MΩ min.
  - Withstanding voltage: 1,500V AC/minute
  - Applicable wire: AWG #26 to #18 (0.13 to 0.75mm<sup>2</sup>)
- \* 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

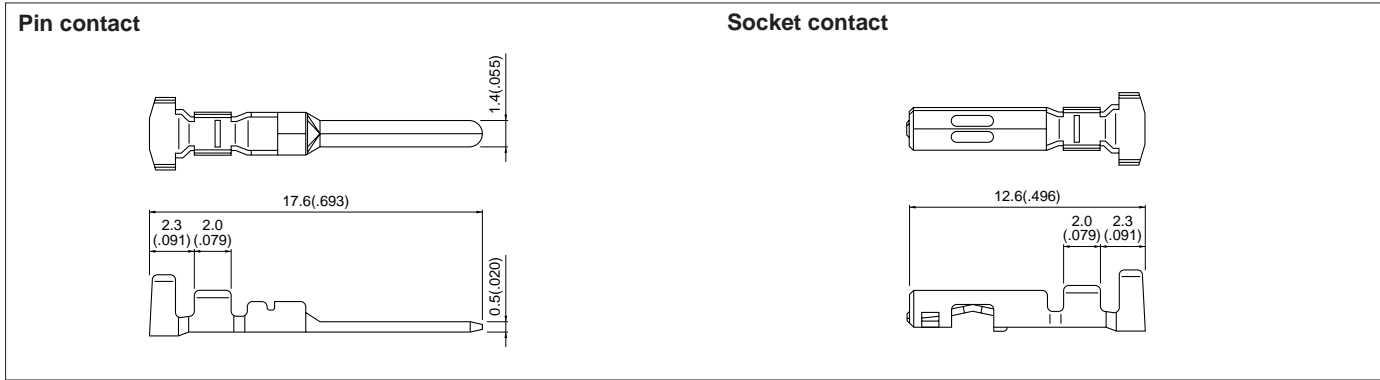
Recognized file No. E60389

Certified file No. LR20812

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

# SL CONNECTOR

## Contact



Model No.		Applicable wire			Q'ty / reel
Pin contact	Socket contact	mm <sup>2</sup>	AWG #	Insulation O.D. mm(in.)	
<b>SSM-01T-P1.4</b>	<b>SSF-01T-P1.4</b>	0.13 to 0.5	26 to 20	1.3 to 2.5(.051 to .098)	6,000
<b>SSM-21T-P1.4</b>	<b>SSF-21T-P1.4</b>	0.3 to 0.75	22 to 18	1.5 to 2.5(.059 to .098)	

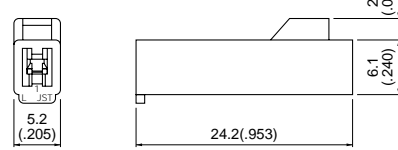
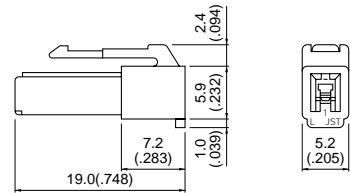
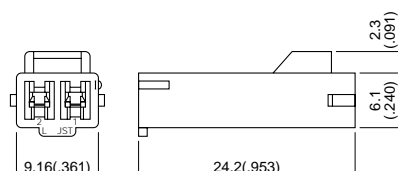
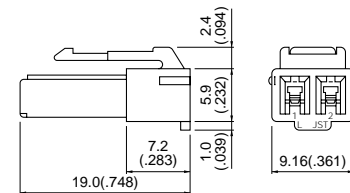
### Material and Finish

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)	
			Model No.	Q'ty / bag	Model No.	Q'ty / bag
1	300V	7.0A	<b>SLR-01VF</b> 	1,000	<b>SLP-01V</b> 	1,000
2	300V	7.0A	<b>SLR-02VF</b> 	500	<b>SLP-02V</b> 	500

# SL CONNECTOR

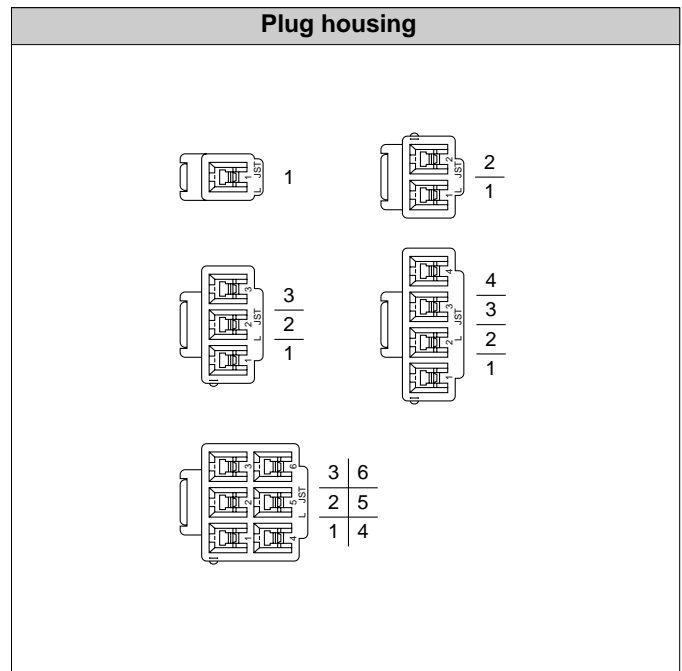
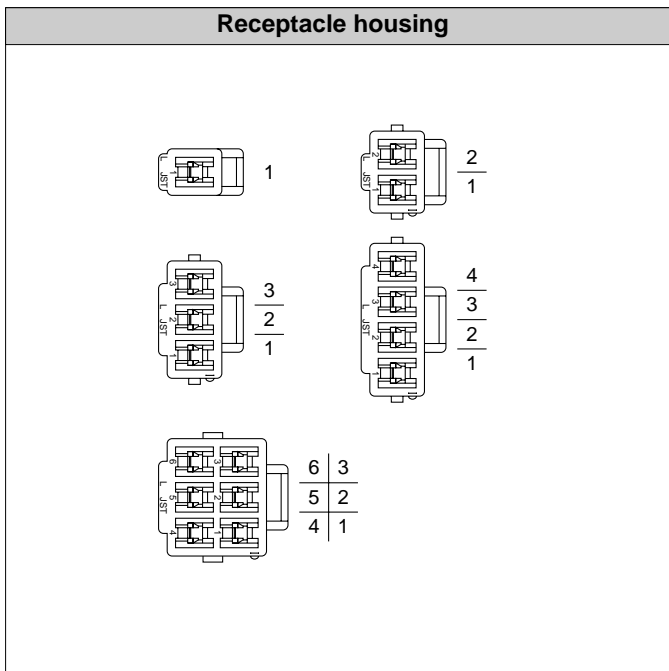
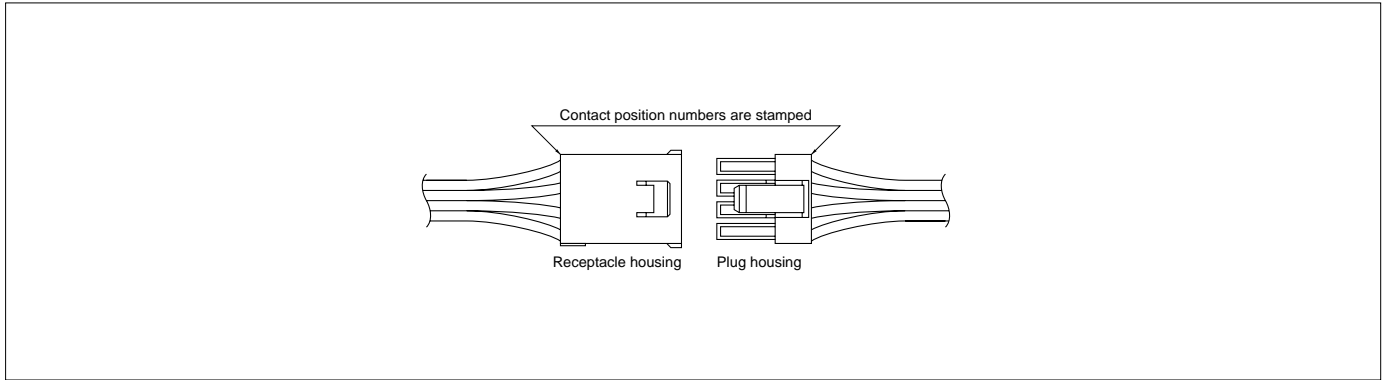
## Housing

Material: Nylon 66, UL94V-0, white

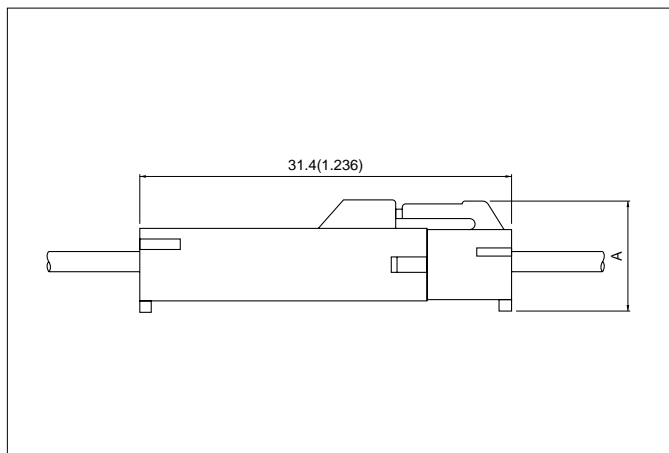
Circuits	Voltage rating	Current rating	Receptacle housing(for pin contact)	Q'ty / bag	Plug housing(for socket contact)	Q'ty / bag
3	300V	6.0A	<b>SLR-03VF</b> 	500	<b>SLP-03V</b> 	500
4	300V	6.0A	<b>SLR-04VF</b> 	500	<b>SLP-04V</b> 	500
6	300V	6.0A	<b>SLR-06VF</b> 	500	<b>SLP-06V</b> 	500

# SL CONNECTOR

## Contact position location numbers



## Assembly layout



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