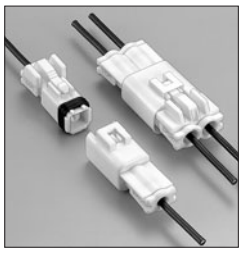
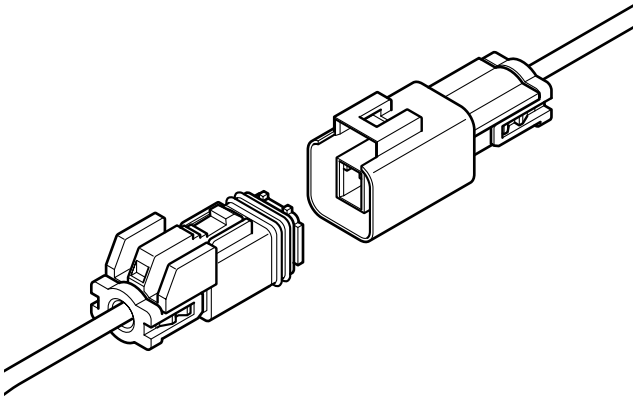


MWP CONNECTOR

7.0mm pitch/Disconnectable Crimp style Wire-to-wire connectors



Waterproof wire-to-wire connector for electric power supply.

- ***Low insertion force contact***
- ***Housing lance***
- ***Inner-housing lock***
- ***Slider locking mechanism***
- ***Interchangeability***

Specifications

- Current rating: 7A AC, DC max.
- Voltage rating: 300V AC, DC max.
- Temperature range: -40˚C to +105˚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 0.75mm^2
  Insulation O.D./2.1 to 2.5mm
- Waterproof grade: Grade 4 ingress protection of JIS C 0920(IEC 60529 IPX4)

* Compliant with RoHS.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Note: The current rating varies 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 wire size.

Current unit: A

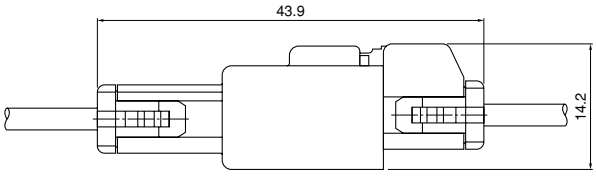
Circuits	Wire size (AWG)				
	#18	#20	#22	#24	#26
1	7	5	4	3	2
2	7	5	4	3	2

Standards

Recognized E60389

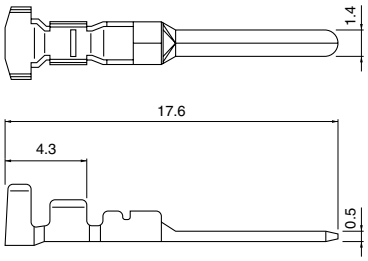
Certified LR20812

Assembly layout

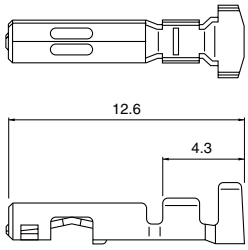


Contact

Pin contact



Socket contact



Model No.		Applicable wire		Insulation O.D. (mm)	Q'ty / reel
Pin contact	Socket contact	mm²	AWG #		
SSM-01T-P1.4	**SSF-01T-P1.4**	0.13～0.5	26～20	2.1～2.5	6,000
SSM-21T-P1.4	**SSF-21T-P1.4**	0.3 ～0.75	22～18		

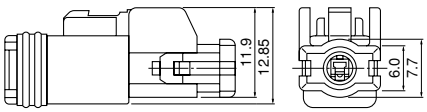
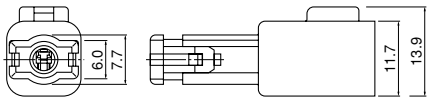
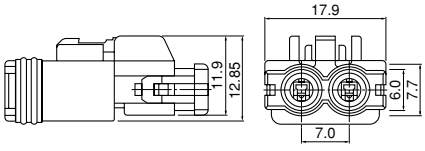
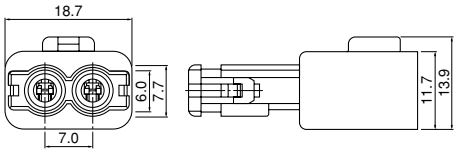
Material and Finish
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance
Note: Contact JST for special products.

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSM-01T-P1.4	AP-K2N	MKS-L	MK/SSF/M-01-14	APLMK SSF/M01-14
SSF-01T-P1.4		—	—	—
SSM-21T-P1.4		MKS-L	MK/SSF/M-21-14	APLMK SSF/M21-14
SSF-21T-P1.4		—	—	—

Housing

Material: PBT, UL94V-0, white

Circuits	Voltage rating	Current rating	Receptacle housing(for socket contact)	Q'ty / box	Plug housing(for pin contact)	Q'ty / box
1	300V	7A	**01R-MWPV-SSRR** 	252	**01P-MWPV-SSR** 	228
2	300V	7A	**02R-MWPV-SSRR** 	144	**02P-MWPV-SSR** 	144

RoHS compliance
Note: 1. Model ( )P-MWPV-SSR comes with the wire end seal and slider.
2. Model ( )R-MWPV-SSRR comes with the rubber ring, wire end seal and slider.