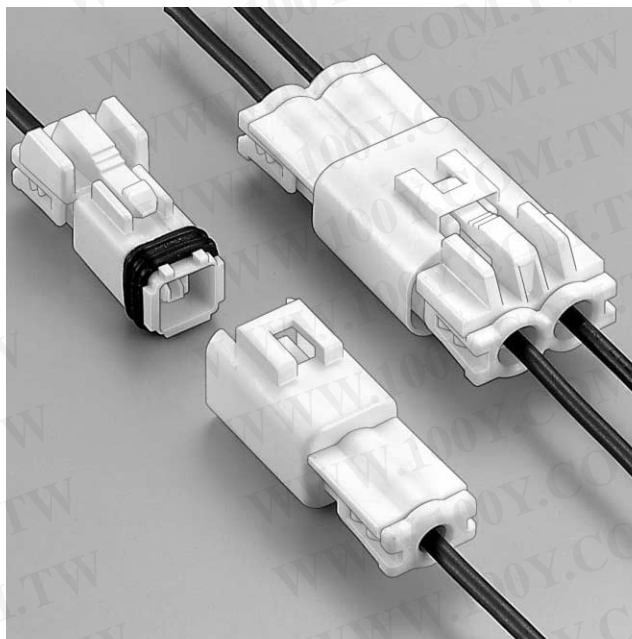


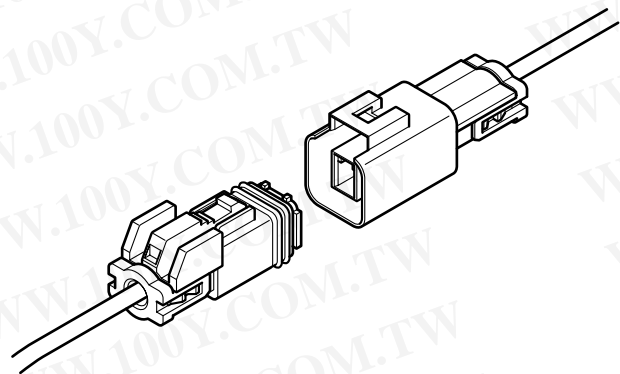
MWP CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



Water-proof wire-to-wire connector for electric power supply.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



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 housings. 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.

• Inner-housing lock

This inner-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.

• Slider locking mechanism

After the contact has been mounted into the housing and the slider has been locked, the wire is then sealed, preventing water ingress.

• Interchangeability

The same contact is used for the SL and HL series connectors.

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 0.75mm²
Insulation O.D./2.1 to 2.5mm(.083" to .098")

- * Contact JST if Lead-Free product is required.
- * 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 |

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MWP CONNECTOR

Contact



| Model No. | | Applicable wire | | Insulation O.D. mm(in.) | Q'ty / reel |
|---------------------|---------------------|-----------------|----------|--------------------------|-------------|
| Pin contact | Socket contact | mm ² | AWG # | | |
| SSM-01T-P1.4 | SSF-01T-P1.4 | 0.13 to 0.5 | 26 to 20 | 2.1 to 2.5(.083 to .098) | 6,000 |
| SSM-21T-P1.4 | SSF-21T-P1.4 | 0.3 to 0.75 | 22 to 18 | 2.1 to 2.5(.083 to .098) | |

Material and Finish
Phosphor bronze, tin-plated

Note: Contact JST for special products.

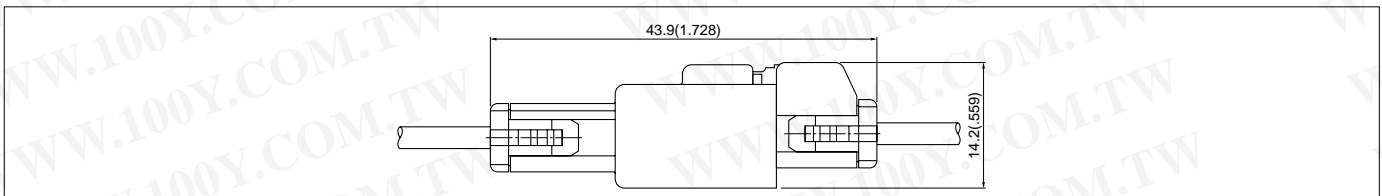
Housing

Material: PBT, UL94V-0, white

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

Note: 1. Model () JP-MWPV-SSR comes with the wire end seal and slider.
 2. Model () JR-MWPV-SSRR comes with the rubber ring, wire end seal and slider.

Assembly layout



Applicator for the semi-automatic press AP-K2N

| Contact | Crimp applicator MKS-L | | Compact crimp applicator MKS-LS | | Strip-crimp applicator MKS-SC |
|---------------------|------------------------|----------------------|---------------------------------|----------------------|-------------------------------|
| | with safety cover | without safety cover | with safety cover | without safety cover | with safety cover |
| SSF-01T-P1.4 | APLMK SSF/M01-14 | APLNC SSF/M01-14 | - | - | - |
| SSM-01T-P1.4 | APLMK SSF/M01-14 | APLNC SSF/M01-14 | - | - | - |
| SSF-21T-P1.4 | APLMK SSF/M21-14 | APLNC SSF/M21-14 | - | - | - |
| SSM-21T-P1.4 | APLMK SSF/M21-14 | APLNC SSF/M21-14 | - | - | - |