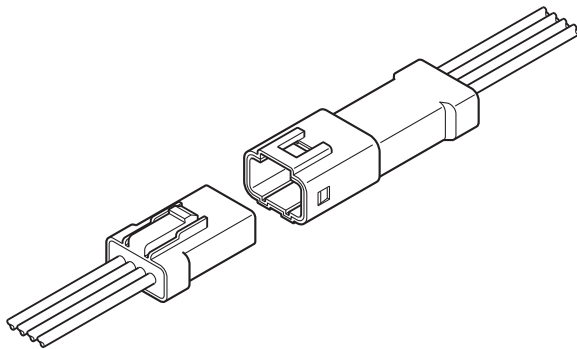


JWPF CONNECTOR

2.0 mm/Wire-to-Wire connectors (Waterproof type)




This JWPF connector can be used for the place of which especially waterproof is required.

This is wire-to-wire connector and has water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920).

- Waterproof performance
- Pre-installed seal ring
- A method of plugging by seal rubber plate in bulk
- Double-spring construction
- Housing lance
- Inner lock mechanism

■ Standards

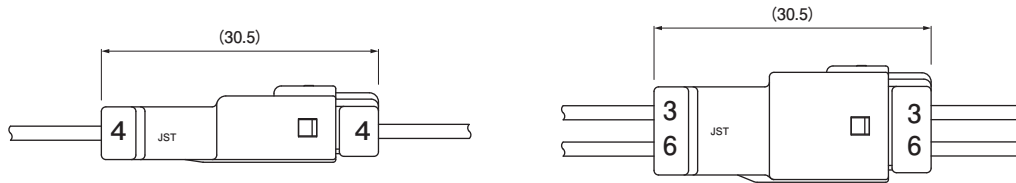
 : Recognized E60389

 : R50326661

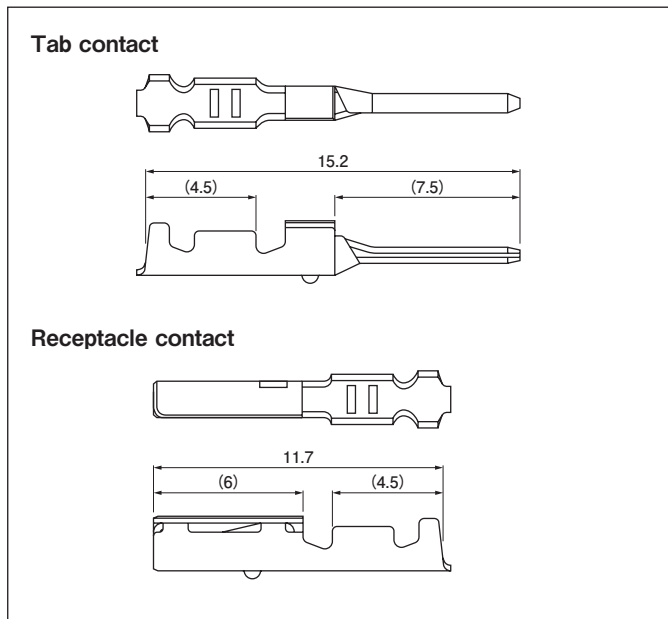
■ Specifications

- Current rating: 3 A AC/DC (AWG #22)
 - Voltage rating: 100 V AC/DC
 - Temperature range: -55°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance:
 - Initial value/ 10 mΩ max.
 - After environmental tests/ 15 mΩ max.
 - Insulation resistance: 1,000 MΩ min.
 - Withstanding voltage:
 - There shall be no breakdown or flashover while applying 1,000 VAC for one minute.
 - Applicable wire range:
 - Conductor size/ AWG #26 to AWG #22
0.13 mm² to 0.33 mm²
 - Insulation O.D./ φ 1.4 mm to φ 1.7 mm
 - Water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920)
- * In using the products, refer to "Handling Precaution for Terminals and Connectors" described on our website (Technical documents of Product information page).
- * Does not comply with Japan Electrical Appliance and Material Safety Law.
- * RoHS2 compliance
- * Dimensional unit : mm
- * Contact JST for details.

Assembly layout



Contact



| Model No. | | Applicable wire | | Insulation O.D. (mm) | Qty/reel |
|----------------|--------------------|-----------------|----------|----------------------|----------|
| Tab contact | Receptacle contact | mm ² | AWG # | | |
| SWPT-001T-P025 | SWPR-001T-P025 | 0.13 to 0.33 | 26 to 22 | 1.4 to 1.7 | 8,200 |

Material and Surface finish, etc.

Tab contact: Phosphor bronze, tin-plated (reflow treatment)
 Receptacle contact: Copper alloy, tin-plated (reflow treatment)

RoHS2 compliance

Note: Contact JST for brass products.

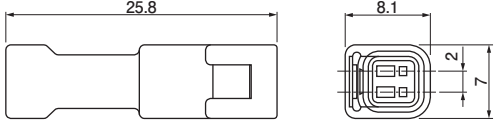
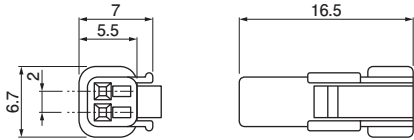
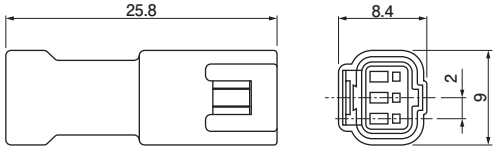
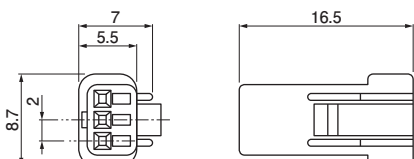
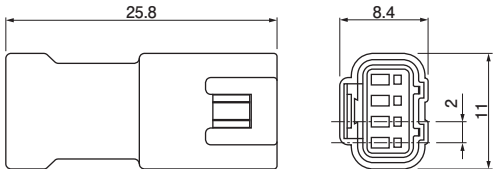
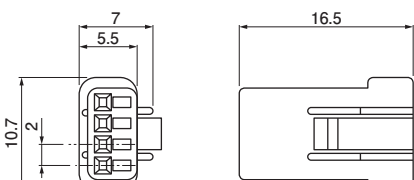
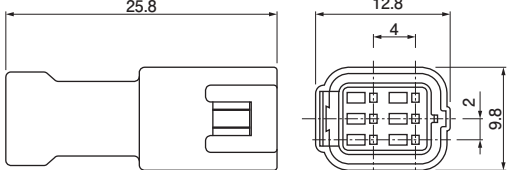
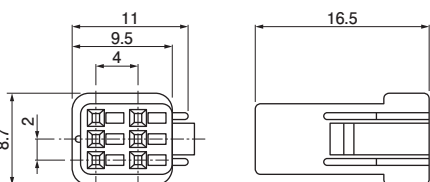
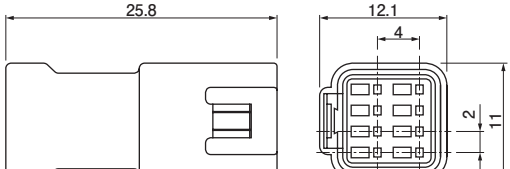
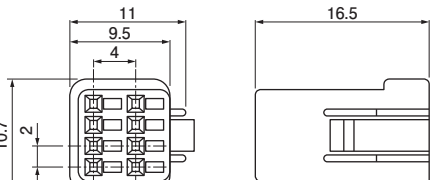
| Contact | Crimping machine | Applicator | |
|----------------------------------|------------------|------------------|----------------------------|
| | | Crimp applicator | Crimp applicator with dies |
| SWPT-001T-P025 SWPR-001T-P025 | AP-K2N | MKS-L | APLMK SWPR/T001-025 |

Note: Contact JST for fully automatic crimping applicator.

JWPF CONNECTOR

Housing

Material: PBT, UL94V-0, natural (white)

| No. of circuits | Tab housing (for Tab contact) | | Receptacle housing (for Receptacle contact) | | | |
|-----------------|-------------------------------|---|---|-----------------|--|--------------|
| 2 | 02T-JWPF-VSLE-S |  | Q'ty/ bag | 02R-JWPF-VSLE-S |  | Q'ty/ bag |
| | | 1,000 | | 1,000 | | |
| 3 | 03T-JWPF-VSLE-S |  | Q'ty/ bag | 03R-JWPF-VSLE-S |  | Q'ty/ bag |
| | | 1,000 | | 1,000 | | |
| 4 | 04T-JWPF-VSLE-S |  | Q'ty/ bag | 04R-JWPF-VSLE-S |  | Q'ty/ bag |
| | | 1,000 | | 1,000 | | |
| 6 | 06T-JWPF-VSLE-D |  | Q'ty/ bag | 06R-JWPF-VSLE-D |  | Q'ty/ bag |
| | | 1,000 | | 1,000 | | |
| 8 | 08T-JWPF-VSLE-D |  | Q'ty/ bag | 08R-JWPF-VSLE-D |  | Q'ty/ bag |
| | | 1,000 | | 1,000 | | |

RoHS2 compliance

- Note: 1. Tab housing comes with seal rubber plate, seal ring and seal ring holder.
 2. Receptacle housing comes with seal rubber plate.