

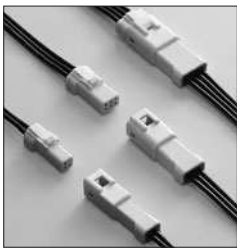


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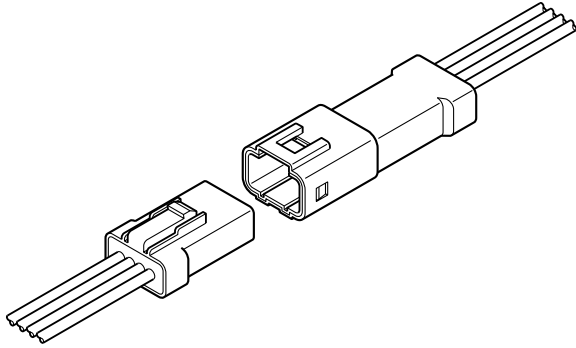
EN: This Datasheet is presented by the manufacturer.

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JWPF CONNECTOR

2.0mm pitch/Crimp style wire-to-wire connectors



Applicable for waterproof usage. This is the wire-to-wire connector that is grade 7 ingress protection of JIS C 0920 (IEC 60529 IPX7).

- Waterproof grade
- Contained seal ring
- Solid rubber seal
- Double-spring construction
- Housing-to-terminal locks
- Inner-housing lock

Specifications

- Current rating: 3A AC, DC (AWG #22)
- Voltage rating: 100V AC, DC
- Temperature range: -55°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 10m Ω max.
After environmental testing/ 15m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AWG #26 to #22
0.13 to 0.33mm²
Insulation O.D./ 1.4 to 1.7mm
- Waterproof grade: Grade 7 ingress protection of JIS C 0920(IEC 60529 IPX7)

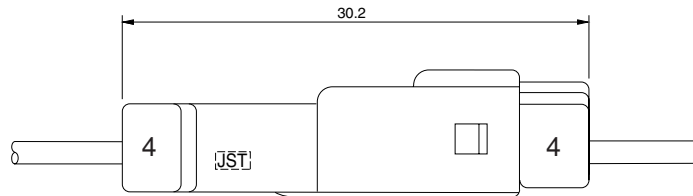
* Compliant with RoHS.

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

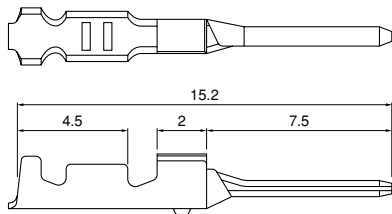
Standards

Recognized E60389

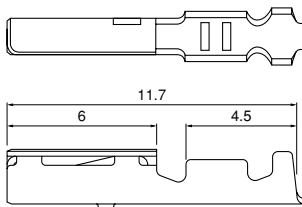


Contact

Tab contact



Receptacle contact



| Model No. | | Applicable wire | | Insulation O.D. (mm) | Q'ty / reel |
|----------------|--------------------|-----------------|-------|----------------------|-------------|
| Tab contact | Receptacle contact | mm ² | AWG # | | |
| SWPT-001T-P025 | SWPR-001T-P025 | 0.13~0.33 | 26~22 | 1.4~1.7 | 8,200 |

Material and Finish

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

RoHS compliance

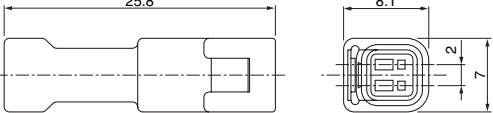
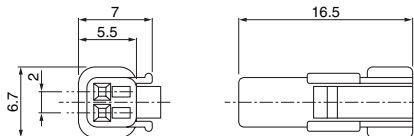
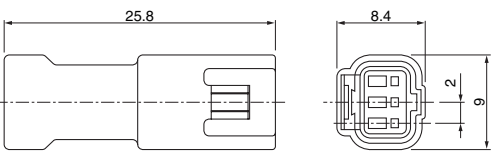
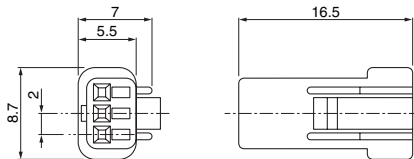
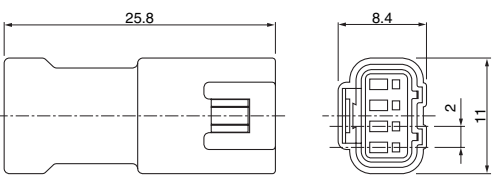
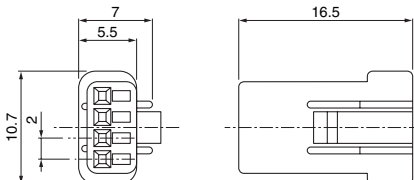
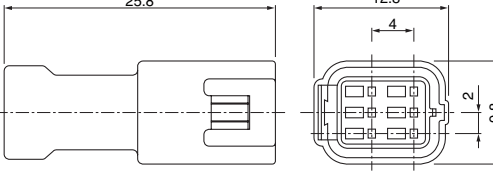
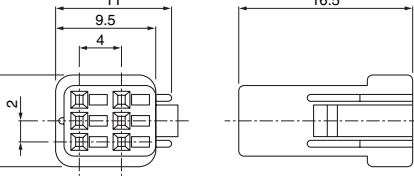
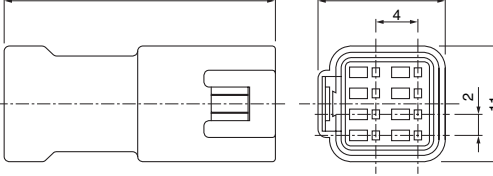
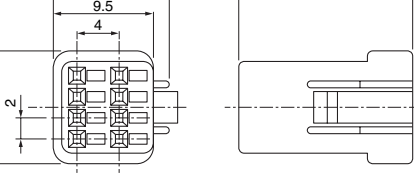
Note: Contact JST for brass products.

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

JWPF CONNECTOR

Housing

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

| Circuits | Tab housing (for Tab contact) | | Receptacle housing (for Receptacle contact) | |
|----------|---|---------------------|--|---------------------|
| 2 | 02T-JWPF-VSLE-S  | Q'ty / bag 1,000 | 02R-JWPF-VSLE-S  | Q'ty / bag 1,000 |
| | | | | |
| 3 | 03T-JWPF-VSLE-S  | Q'ty / bag 1,000 | 03R-JWPF-VSLE-S  | Q'ty / bag 1,000 |
| | | | | |
| 4 | 04T-JWPF-VSLE-S  | Q'ty / bag 1,000 | 04R-JWPF-VSLE-S  | Q'ty / bag 1,000 |
| | | | | |
| 6 | 06T-JWPF-VSLE-D  | Q'ty / bag 1,000 | 06R-JWPF-VSLE-D  | Q'ty / bag 1,000 |
| | | | | |
| 8 | 08T-JWPF-VSLE-D  | Q'ty / bag 1,000 | 08R-JWPF-VSLE-D  | Q'ty / bag 1,000 |
| | | | | |

RoHS compliance

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