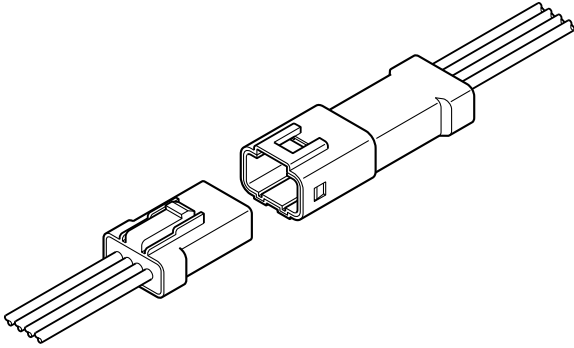




JWPB CONNECTOR

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



Applicable for waterproof usage. This is the wire-to-wire connector that is more than 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

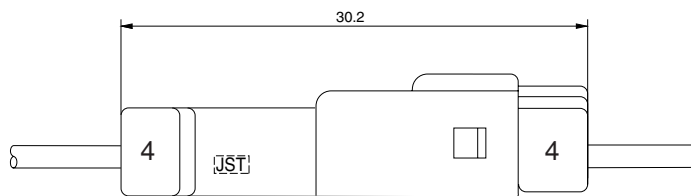
Specifications

- Current rating: 3A AC, DC (AWG #22)
 - Voltage rating: 100V AC, DC
 - Temperature range: -40°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/5m Ω max.
After environmental testing/10m Ω max.
 - Insulation resistance: 800M 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: More than 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

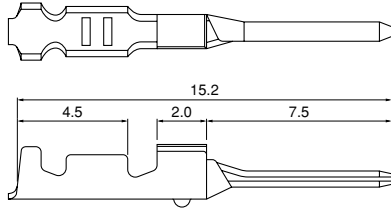
Assembly layout



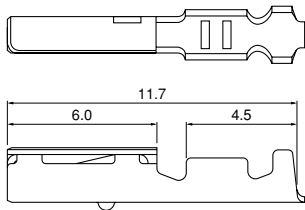
JWPF CONNECTOR

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		—	—	—

Housing

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

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