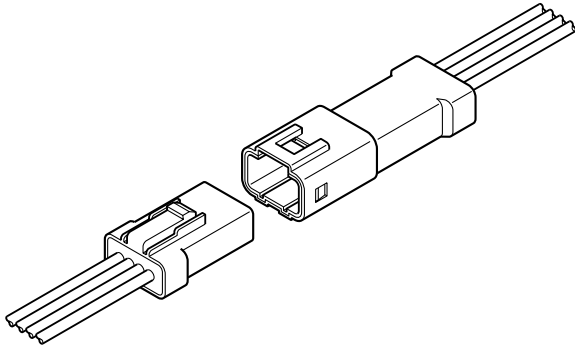


# JWPF CONNECTOR

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

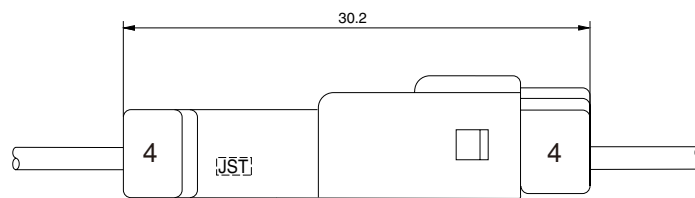
## Specifications

- 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  $\Omega$  max.  
After environmental testing/10m  $\Omega$  max.
  - Insulation resistance: 800M  $\Omega$  min.
  - Withstanding voltage: 1,000V AC/minute
  - Applicable wire: AWG #26 to #22  
0.13 to 0.33mm<sup>2</sup>  
Insulation O.D./1.4 to 1.6mm
  - 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

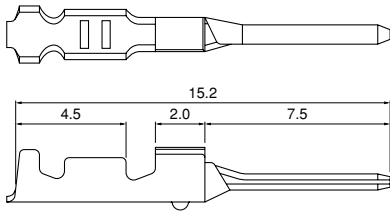
## Assembly layout



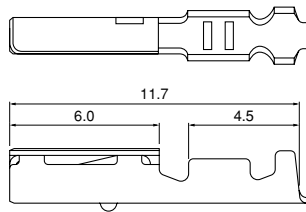
# JWPF CONNECTOR

## Contact

### Tab contact



### Receptacle contact



Model No.		Applicable wire		Insulation O.D. (mm)	Q'ty / reel
Tab contact	Receptacle contact	mm <sup>2</sup>	AWG #		
SWPT-001T-P025	SWPR-001T-P025	0.13~0.33	26~22	1.4~1.6	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)		Receptacle housing (for Receptacle contact)	
	Model No.	Q'ty / bag	Model No.	Q'ty / bag
2	<b>02T-JWPF-VSLE-S</b> 	1,000	<b>02R-JWPF-VSLE-S</b> 	1,000
3	<b>03T-JWPF-VSLE-S</b> 	1,000	<b>03R-JWPF-VSLE-S</b> 	1,000
4	<b>04T-JWPF-VSLE-S</b> 	1,000	<b>04R-JWPF-VSLE-S</b> 	1,000
8	<b>08T-JWPF-VSLE-D</b> 	1,000	<b>08R-JWPF-VSLE-D</b> 	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.