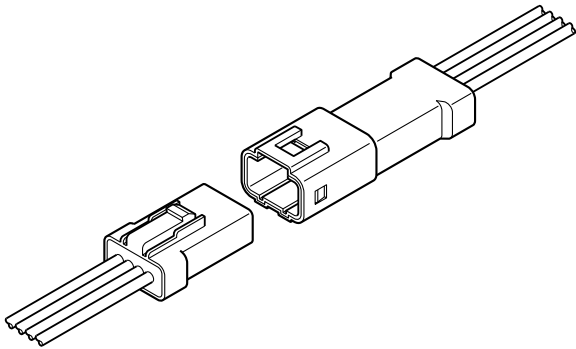


# JWPB CONNECTOR

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



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

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

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

## 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: 1,000 VAC/minute
- Applicable wire: AWG #26 to #22  
0.13 to 0.33 mm<sup>2</sup>  
Insulation O.D./ 1.4 to 1.7 mm
- Waterproof grade: Grade 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529 )

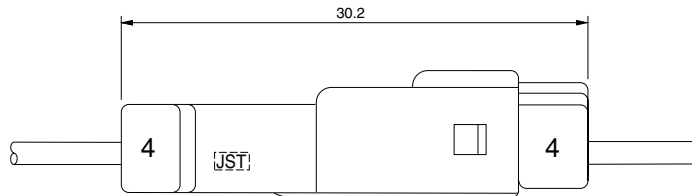
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

\* Contact JST for details.

\* Compliant with RoHS.

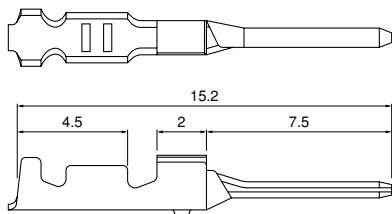
## Standards

Recognized E60389

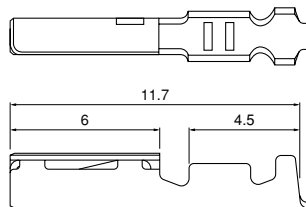


## Contact

### 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	1.4~1.7	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	<b>02T-JWPF-VSLE-S</b>		Q'ty / bag	1,000	<b>02R-JWPF-VSLE-S</b>		Q'ty / bag	1,000
3	<b>03T-JWPF-VSLE-S</b>		Q'ty / bag	1,000	<b>03R-JWPF-VSLE-S</b>		Q'ty / bag	1,000
4	<b>04T-JWPF-VSLE-S</b>		Q'ty / bag	1,000	<b>04R-JWPF-VSLE-S</b>		Q'ty / bag	1,000
6	<b>06T-JWPF-VSLE-D</b>		Q'ty / bag	1,000	<b>06R-JWPF-VSLE-D</b>		Q'ty / bag	1,000
8	<b>08T-JWPF-VSLE-D</b>		Q'ty / bag	1,000	<b>08R-JWPF-VSLE-D</b>		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.