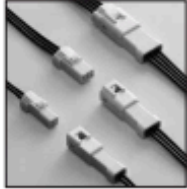


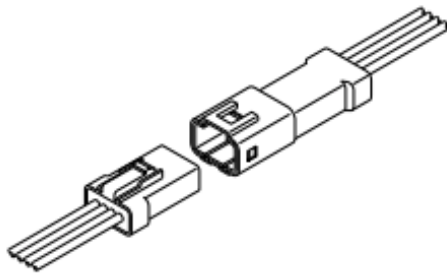
# JWPF Connector

2.0mm pitch / Disconnectable crimp style connectors



## JWPF CONNECTOR

2.0mm pitch / Disconnectable Crimp style Wire-to-wire connectors (waterproof type)



**This JWPF 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

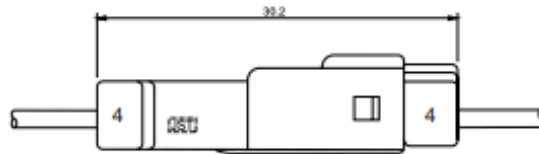
- Current rating: 3 A AC, DC (AWG #22)
- Voltage rating: 100 V AC, DC
- Temperature range: -55°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 10 mΩ max.  
After environmental tests/ 15 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding 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

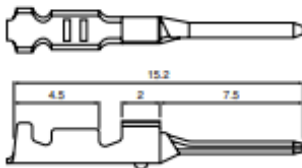
- Recognized E60389
- R50326661

### Assembly layout

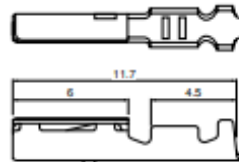


### Contact

#### Tab contact



#### Receptacle contact



Model No.		Applicable wire		Insulation O.D. (mm)	Qty/ 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-K2IN	MKS-L	MK/SWPR-T-001-025	APLMK SWPR/T001-025
SWPR-001T-P025		-	-	-

Note: Contact JST for fully automatic crimping applicator.

# JWPF Connector

2.0mm pitch / Disconnectable crimp style connectors

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	<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
6	<b>06T-JWPF-VSLE-D</b> 	1,000	<b>06R-JWPF-VSLE-D</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.