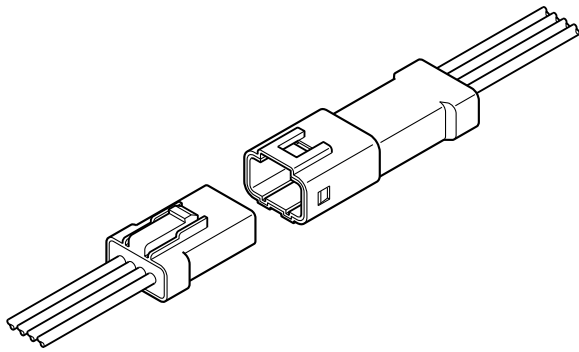


# JWPF CONNECTOR

2.0 mm/Wire-to-Wire connectors (Waterproof type)



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

This is wire-to-wire connector and has water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920).

- Waterproof performance
- Pre-installed seal ring
- A method of plugging by seal rubber plate in bulk
- Double-spring construction
- Housing lance
- Inner lock mechanism

## ■ Standards

⚡ : Recognized E60389

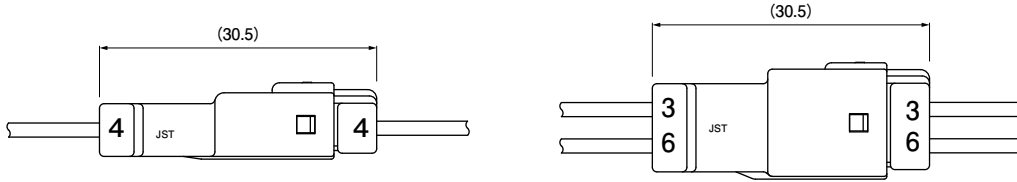
⚠ : R50326661

## ■ 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:  
There shall be no breakdown or flashover while applying 1,000 VAC for one minute.
  - Applicable wire range:  
Conductor size/ AWG #26 to AWG #22  
0.13 mm<sup>2</sup> to 0.33 mm<sup>2</sup>  
Insulation O.D./ φ 1.4 mm to φ 1.7 mm
  - Water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920)
- \* In using the products, refer to "Handling Precaution for Terminals and Connectors" described on our website (Technical documents of Product information page).
- \* Does not comply with Japan Electrical Appliance and Material Safety Law.
- \* RoHS2 compliance
- \* Dimensional unit : mm
- \* Contact JST for details.

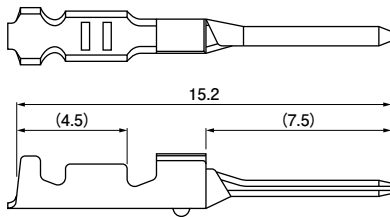
# JWPF CONNECTOR

## Assembly layout

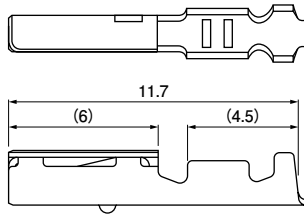


## Contact

### 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 to 0.33	26 to 22	1.4 to 1.7	8,200

### Material and Surface finish, etc.

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

### RoHS2 compliance

Note: Contact JST for brass products.

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

Note: Contact JST for fully automatic crimping applicator.

# JWPF CONNECTOR

## Housing

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

No. of circuits	Tab housing (for Tab contact)		Receptacle housing (for Receptacle contact)	
2		Q'ty/ bag	02R-JWPF-VSLE-S	
			1,000	
3		Q'ty/ bag	03R-JWPF-VSLE-S	
			1,000	
4		Q'ty/ bag	04R-JWPF-VSLE-S	
			1,000	
6		Q'ty/ bag	06R-JWPF-VSLE-D	
			1,000	
8		Q'ty/ bag	08R-JWPF-VSLE-D	
			1,000	

**RoHS2 compliance**

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