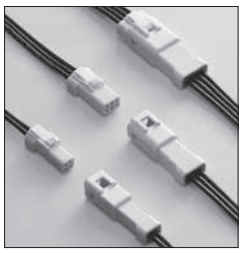
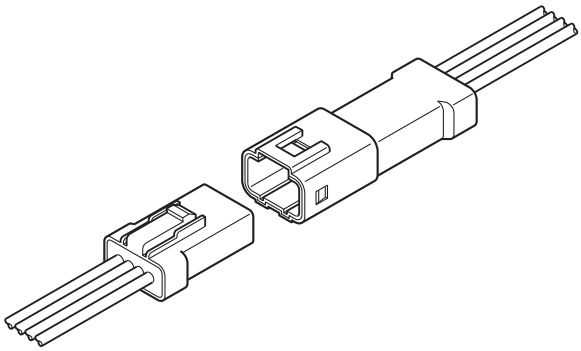


JWPF CONNECTOR

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

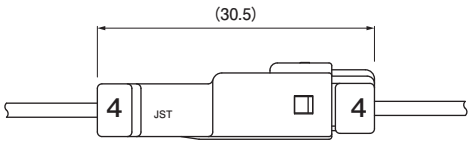
: Recognized E60389
: R50326661

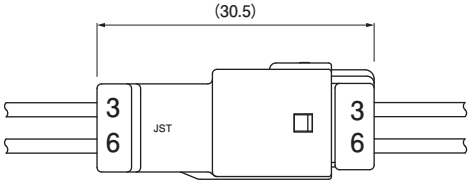
■ Specifications

- Current rating: 3 A AC/DC (AWG #22)
- Voltage rating: 100 V AC/DC
- Temperature range: −55℃ to +85℃
  (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^2 to 0.33 mm^2
  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 prodacts, 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.

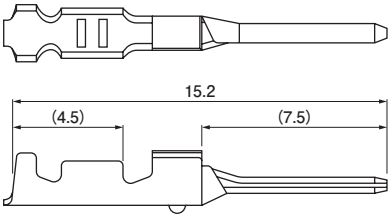
Assembly layout



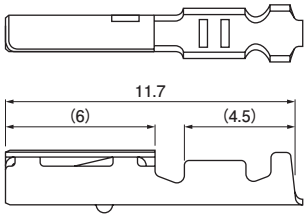


Contact

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 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.

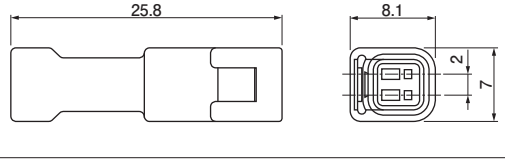
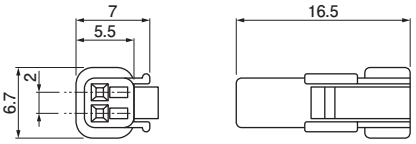
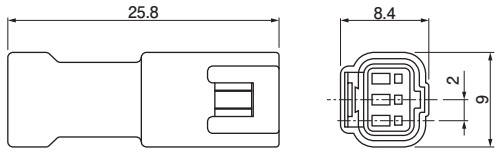
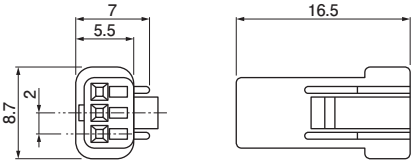
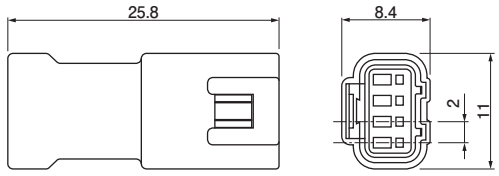
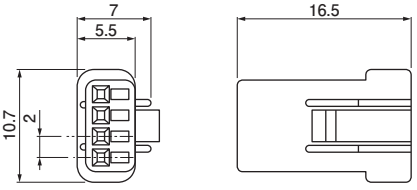
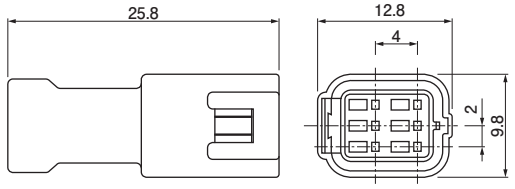
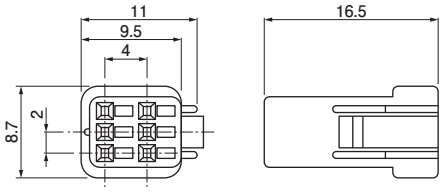
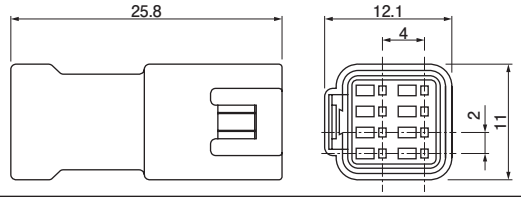
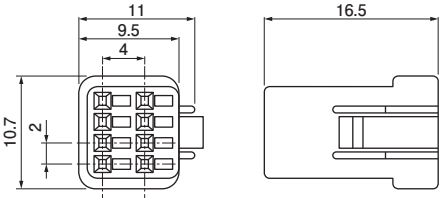
Contact	Crimping machine	Applicator	
		Crimp applicator	Crimp applicator with dies
SWPT-001T-P025 SWPR-001T-P025	AP-K2N	MKS-L	APLMK SWPR/T001-025

Note: Contact JST tor fully automatic crimping applicator.

JWPF CONNECTOR

Housing

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

No. of 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
6	06T-JWPF-VSLE-D 	1,000	06R-JWPF-VSLE-D 	1,000
8	08T-JWPF-VSLE-D 	1,000	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.