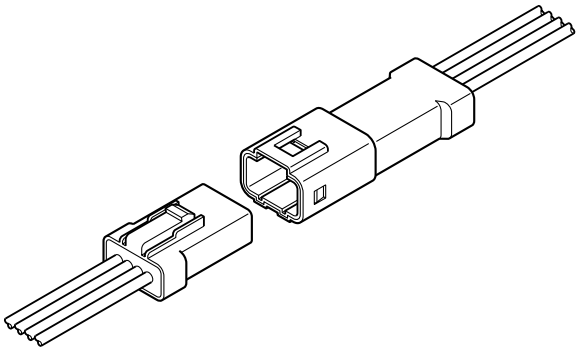


JWPF CONNECTOR

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



Applicable for waterproof usage. This is the wire-to-wire connector that is 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***

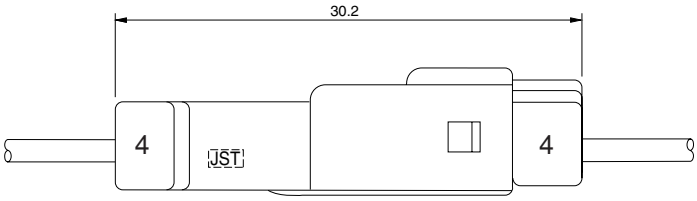
Specifications

- Current rating: 3A AC, DC (AWG #22)
- Voltage rating: 100V AC, DC
- Temperature range: -55˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 10m Ω max.
  After environmental testing/ 15m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AWG #26 to #22
  0.13 to 0.33mm^2
  Insulation O.D./ 1.4 to 1.7mm
- Waterproof grade: 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.

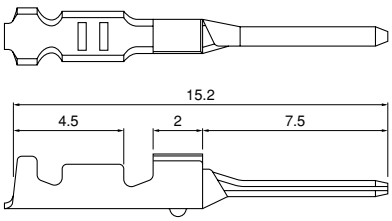
Standards

Recognized E60389

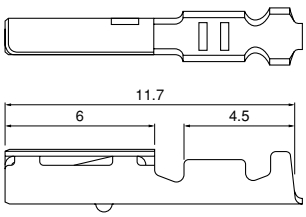


Contact

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**	0.13～0.33	26～22	1.4～1.7	8,200

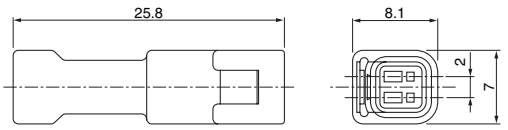
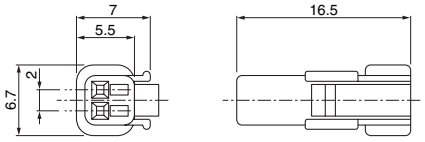
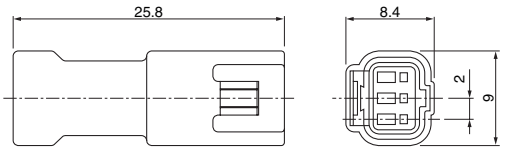
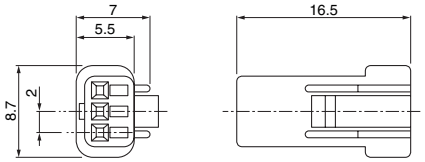
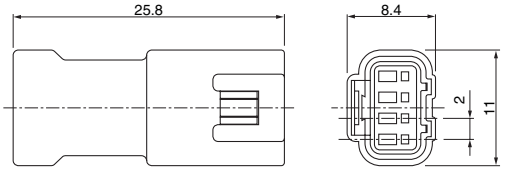
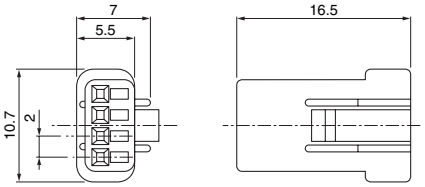
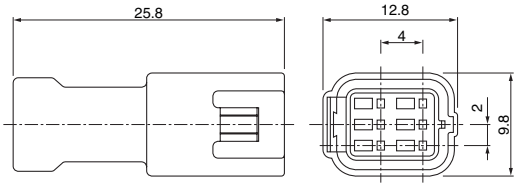
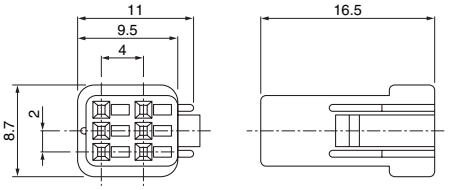
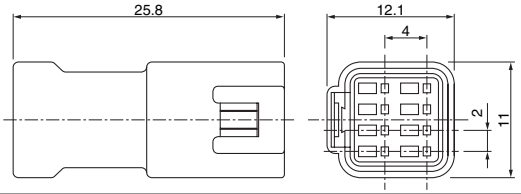
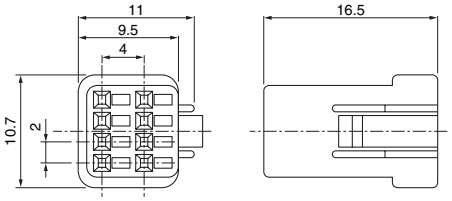
Material and Finish
Tab contact: Phosphor bronze, tin-plated (reflow treatment) Receptacle contact: Copper alloy, tin-plated (reflow treatment)

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		–	–	–

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	**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

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.