

JST

Crimp

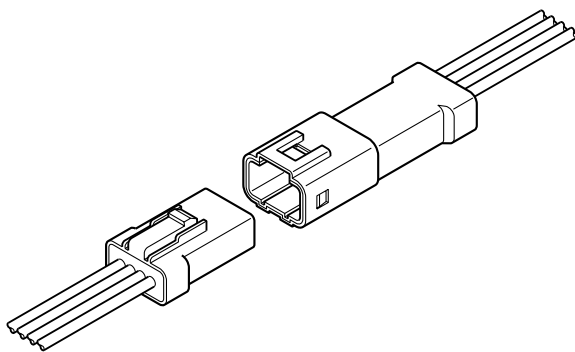
2.0mm
(.079") pitch

JWPF CONNECTOR

Crimp style wire-to-wire connectors



Applicable for water-proof usage. This is the wire-to-wire connector that is more than grade 7 ingress protection of JIS C 0920.



Features

• Water-proof grade

More than grade 7 ingress protection of JIS C 0920

• Contained seal ring

Seal ring is applied for complete sealing at mating side that is contained in the tab housing which protects from dust, scratch & etc.

• Solid rubber seal

Solid rubber seal is used for wire side sealing that makes the size compact.

• Double-spring construction

Contact has double-spring construction, main spring and assist spring, that ensures superior contact force.

• Housing-to-terminal locks

Spring action housing-to-terminal locks are an inherent part of the housing, and assure smooth contact insertion and firm contact retention yet with low insertion force.

• Inter-housing lock

This inter-housing lock secures the plug to the receptacles and prevents accidental disconnection. The lock with protector on both sides is protected and is not affected by external forces that might result from the routing of wires.

Specifications

- Current rating: 3A AC, DC (AWG #22)
 - Voltage rating: 100V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/5m Ω max.
After environmental testing/10m Ω max.
 - Insulation resistance: 800M Ω min.
 - Withstanding voltage: 1,000V AC/minute
 - Applicable wire: AWG #26 to #22
0.13 to 0.33mm²
 - Applicable panel thickness: 1.4 to 1.74mm(.055" to .069")
- * Contact JST for details.

JWPF CONNECTOR

Contact



Model No.		Applicable wire		Insulation O.D.mm(in.)	Q'ty / reel
Tab contact	Receptacle contact	mm ²	AWG #		
SWPT-001T-025	SWPR-001T-P025	0.13 to 0.33	26 to 22	1.4 to 1.68(.055 to .066)	8,200

Material and Finish

Tab contact: Brass, tin-plated
 Receptacle contact: Copper alloy, tin-plated

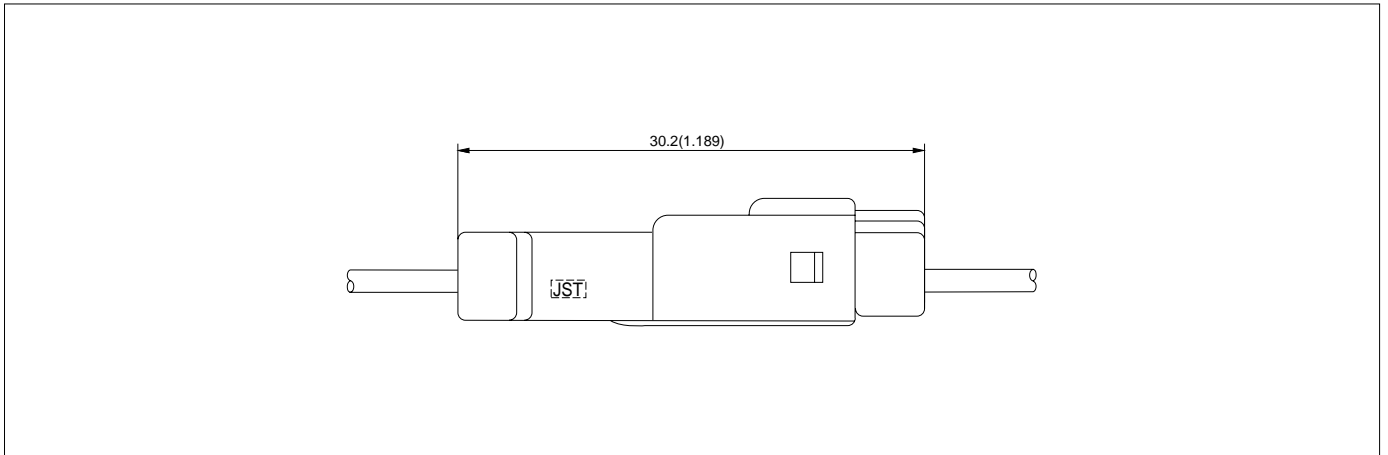
Housing

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 25.8(1.016)	 8.1(.319) 7.0(.276)	1,000	02R-JWPF-VSLE-S 16.5(.650)	 5.5(.217) 6.7(.264)	1,000
3	03T-JWPF-VSLE-S 25.8(1.016)	 8.1(.319) 9.0(.354)	1,000	03R-JWPF-VSLE-S 16.5(.650)	 5.5(.217) 8.7(.343)	1,000
4	04T-JWPF-VSLE-S 25.8(1.016)	 8.1(.319) 11.0(.433)	1,000	04R-JWPF-VSLE-S 16.5(.650)	 5.5(.217) 10.7(.421)	1,000

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

Assembly layout



Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC
	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover
SWPT-001T-025	APLMK SWPR/T001-025	APLNC SWPR/T001-025	APLMKLS SWPR/T001-025	APLLSNC SWPR/T001-025	-
SWPR-001T-025	APLMK SWPR/T001-025	APLNC SWPR/T001-025	APLMKLS SWPR/T001-025	APLLSNC SWPR/T001-025	-