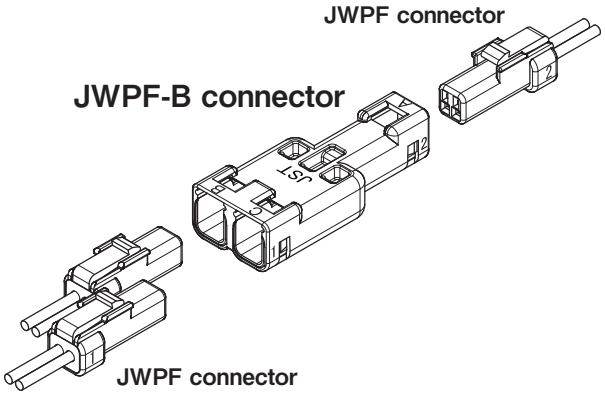


JWPF-B CONNECTOR

<Waterproof wire-to-wire in-line connection unit>

2.0 mm pitch/Wire-to-Wire connectors/Crimp style and Mating style



This is a waterproof wire-to-wire connector (in-line connection unit) that allows for a 2-way split connection using 2-circuit JWPF connectors. The waterproof rating is the same as that of the JWPF connector: JIS C 60529 Protection Class 7 (immersion-proof).

- 2-way connection
- Supports 1-1 connections
  Circuits with the same circuit number assignment are connected to each other (e.g., Circuit No. 1 connects to Circuit No. 1).
- Waterproof protection class 7
- Built-in seal ring design
- Secure lock mechanism
- Free-hanging

■ Specifications

- Current rating: (Total input value for circuits on the same line):
  1 A AC/DC (AWG #26)
  2 A AC/DC (AWG #24)
  3 A AC/DC (AWG #22)
- Voltage rating: 100 V AC/DC
- Temperature range: −55 ℃ to +85 ℃
  (including temperature rise in applying electrical current)
- Applicable wire range:
  Conductor size/ AWG #26 to AWG #22
  Insulation O.D./ ϕ 1.4 mm to ϕ 1.7 mm
- Waterproof performance:
  JIS C 60529 Protection Class 7 (immersion-proof)

Note: This product does not comply with Japan's Electrical Appliances and Materials Safety Act.

* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the “Technical Documents” column on the Product Information page) before use.
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

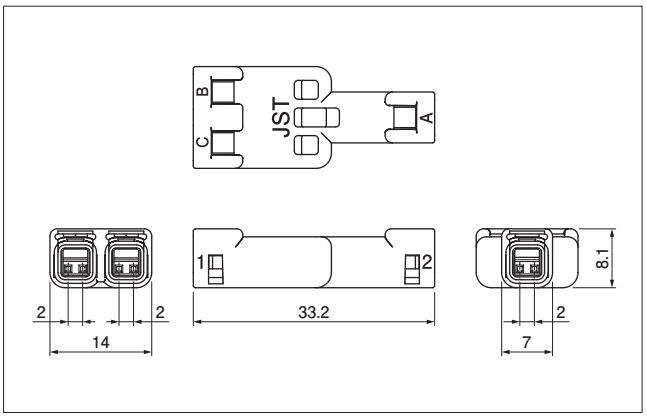
■ Standards

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the “Technical Documents” column on the Product Information page).

* Specifications registered to overseas standards may differ from the general specifications listed above.

JST

JWPF-B connector/ Tab housing assembly (Wire-to-wire in-line connection unit)



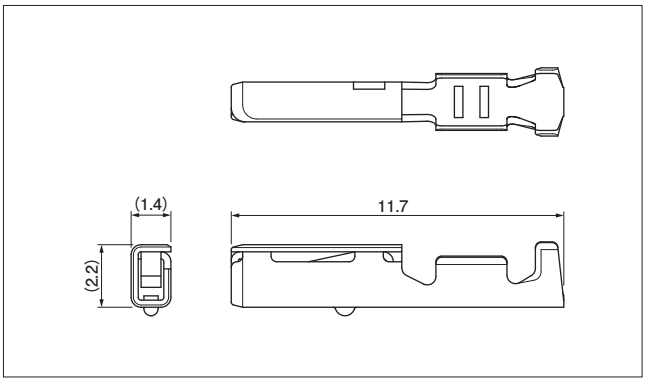
No. of circuits	Part No.	Q'ty/bag
6	**06TB-JWPFB-SS-GCA**	500

Material and Surface finish, etc.
Tab contact: Copper alloy, selective gold-plated Tab housing: PBT (GF), natural (white) Seal ring holder: PBT, yellow Seal ring: Silicone rubber, blue

Note: 1. The JWPF-B connector is an assembly in which a tab contact, a seal ring holder, and a seal ring are pre-installed in the tab housing.
2. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

Mating part / JWPF connector (cable connector)

Receptacle contact



Model No.	Applicable wire range		Q'ty/ reel
	Conductor size AWG (mm²)	Insulation O.D. (mm)	
SWPR-001GH-P025	#26 to #22 (0.13 to 0.33)	1.4 to 1.7	8,200

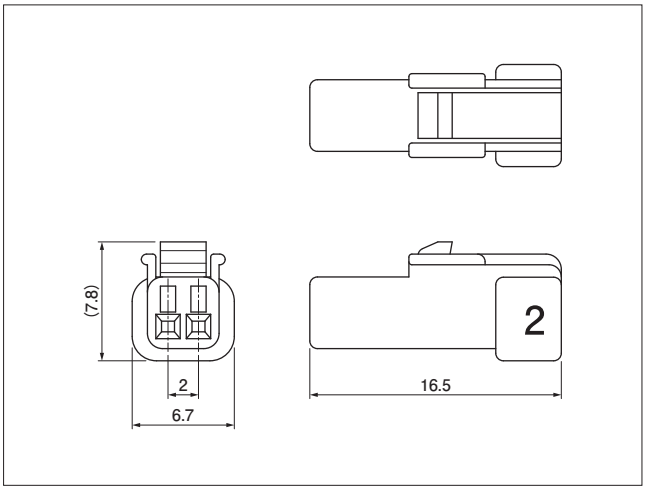
Material and Surface finish, etc.
Copper alloy, selective gold-plated

Crimping machine

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

Note: Contact JST for fully automatic crimping applicator.

Receptacle housing assembly (For Receptacle contact)

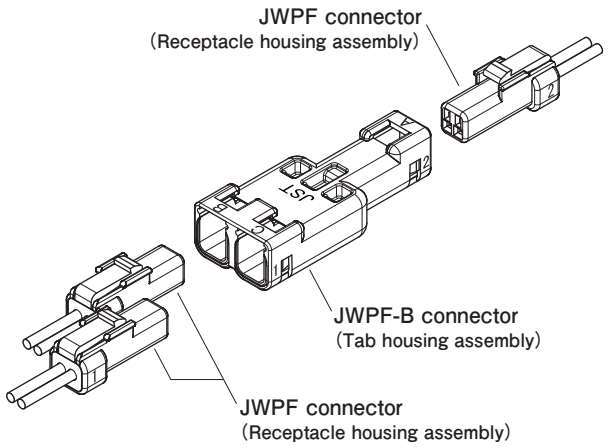
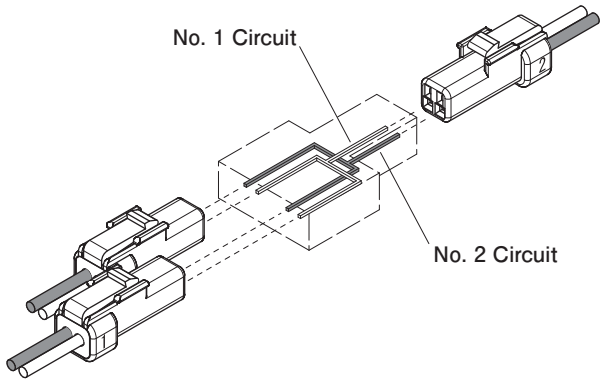


No. of circuits	Part No.	Q'ty/bag
2	**02R-JWPF-VSLE-S**	1,000

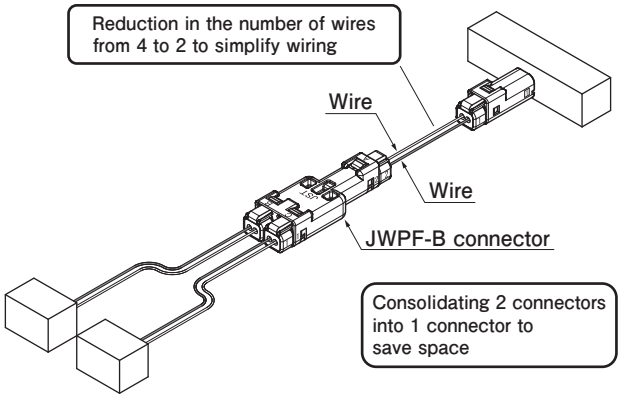
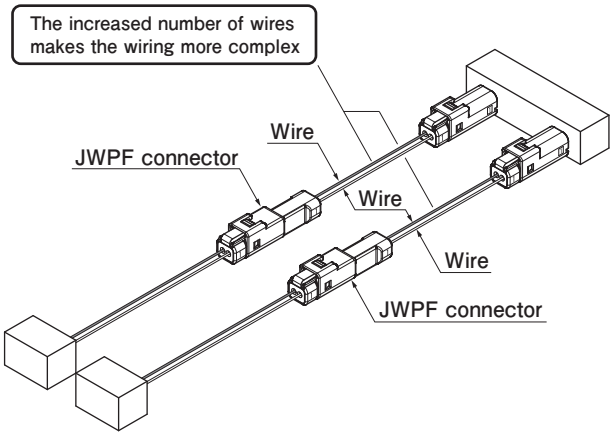
Material and Surface finish, etc.
Receptacle housing: PBT (GF), natural (white) Rubber seal plate: Silicone rubber, light blue

Note: 1. A rubber seal plate is installed in the receptacle housing assembly.
2. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

Circuit configuration diagram

Appearance	Circuit configuration
	 *With the JWPF-B connector, any two JWPF connectors with the same circuit number can be interconnected.

Wire harness comparison with and without JWPF-B connectors

[When the JWPF-B connector is used]	[When the JWPF-B connector is not used]
	

Assembly layout

