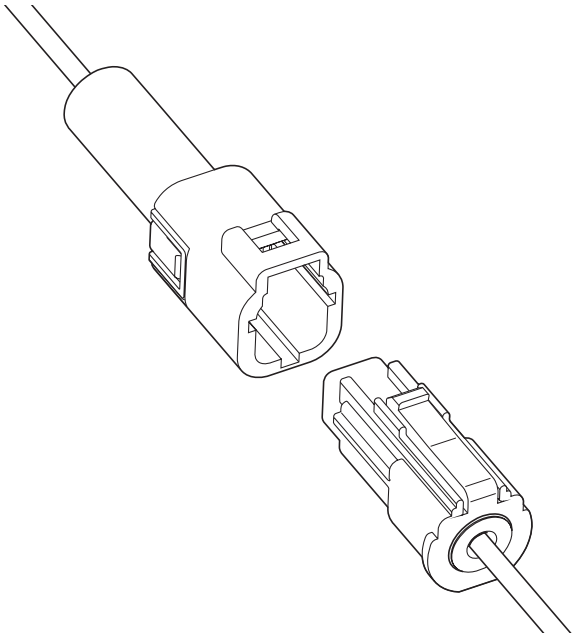




WPK CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



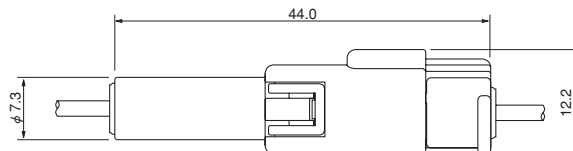
This connector is compact and excels in waterproof and durability. This wire-to-wire connector can be used for the place of which especially waterproof is required. Its waterproof grade is 7 ingress protection of JIS C 0920 (IEC 60529 IPX7).

- **Waterproof performance**
- **Contained seal ring**
- **Proven contact configuration**
- **Inner-housing lock**
- **Compact design**

Specifications

- Current rating: 7A AC, DC (0.85mm²)
- Voltage rating: 12V AC, DC
- Temperature range: -40°C to +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/5m Ω max.
After environmental testing/10m Ω max.
- Insulation resistance: 100M Ω min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: 0.5 to 0.85mm²
Insulation O.D./1.6 to 1.9mm
- 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.

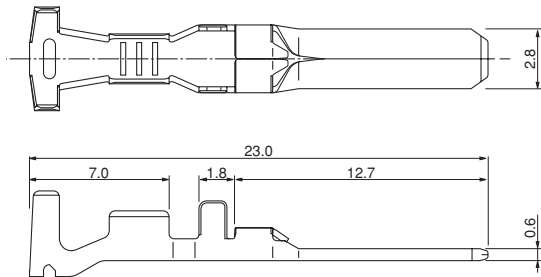
Assembly layout



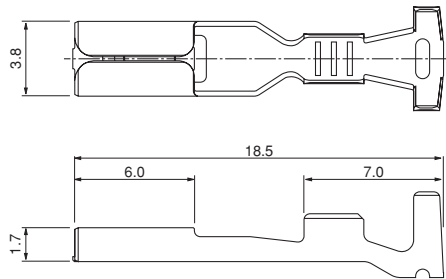
WPK CONNECTOR

Terminal

Male terminal



Female terminal



Model No.		Applicable wire (mm ²)	Insulation O.D. (mm)	Q'ty / reel
Male terminal	Female terminal			
SWPKP-21T-0.6	SWPKR-21T-0.6	0.5~0.85	1.6~1.9	3,000

Material and Finish

Copper alloy, tin-plated (reflow treatment)

RoHS compliance

Terminal	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SWPKP-21T-0.6	AP-K2N	MKS-L	MK/SWPKP/R-21-06	APLMK SWPKP/R21-06
		—	—	—
SWPKR-21T-0.6		MKS-L	MK/SWPKP/R-21-06	APLMK SWPKP/R21-06
		—	—	—

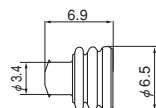
Housing

Material: PBT, black

Circuit	Voltage rating	Current rating	Male housing(for male terminal)	Female housing(for female terminal)
1	12V	7A	01P-WPKH-KN 	WPKR-01H-K
			Q'ty / box 100	Q'ty / box 1,000

RoHS compliance

Wire end seal



Model No.	Rubber inner diameter (mm)	Insulation O.D. (mm)	Q'ty / bag
WPKS-1.3N	1.3	1.6~1.9	1,500

Color	Material
Brown	NBR

RoHS compliance

Note: Contact JST for applicable wire.