

CJ01 SERIES (Under Developing)

Specification

- Pin Count 3 Pin
- Pitch 5.8 mm
- Rated Voltage 600 V
- Rated Current Max. 30 A
- Withstand Voltage AC 2200 V r.m.s/min.
- Contact Resistance 10 mΩ or lower
- Insulation Resistance 1000 MΩ
- Temperature Range -55°C - +125°C
(Including temperature rise due to electrical conduction)
- Wire size- AWG#10 - AWG#16
(1.25 - 5.5 mm²)
- Water/Dust Resistance IP67 (JIS C 0920)
- Material Housing: PBT UL94V-0
Contacts: Cooper alloy / tin plated
Seal: Silicone Rubber

Housing Part Number

Type A (Ins. Dia.: 3.2 - 3.8 mm)	
Female Housing	CJ01A6-03 # 0-01
Male Housing	CJ01A5-03 # 0-01
Type B (Ins. Dia.: 3.7 - 4.2 mm)	
Female Housing	CJ01A6-03 # 0-02
Male Housing	CJ01A5-03 # 0-02
Type C (Ins. Dia.: 2.6 - 3.3 mm)	
Female Housing	CJ01A6-03 # 0-03
Male Housing	CJ01A5-03 # 0-03

shows color.

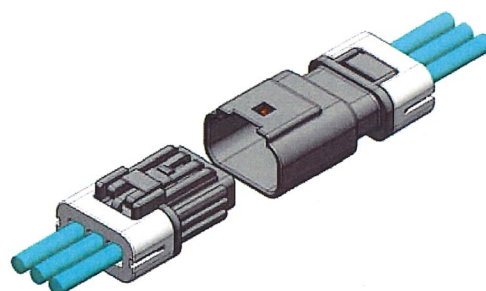
- F Housing . . . Wire Seal is already assembled.
- M Housing . . . Wire Seal & Housing Seal already assembled

Terminal Part Number

Small Wire Barrel (Wire Size: 1.25 - 2.0 mm ²) Ins. Dia. (Max.) 4.1	
REC (F Side)	CJ01C6-010A
TAB (M Side)	CJ01C5-010A
Large Wire Barrel (Wire Size: 3.0 - 5.5 mm ²) Ins. Dia. (Max.) 4.3	
REC (F Side)	CJ01C6-020A
TAB (M Side)	CJ01C5-020A
Large Wire Barrel (Wire Size: 1.25 - 2.0 mm ²) Ins. Dia. (Max.) 3.3	
REC (F Side)	CJ01C6-030A
TAB (M Side)	CJ01C5-030A

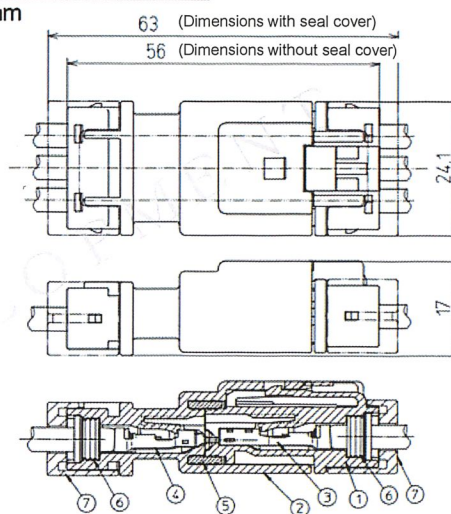
Wire to Wire High-Current Waterproof Connectors

The CJ01 series are wire to wire high-current waterproof connectors. Compact size with a rated current of 30 A has been achieved by using material with high conductivity for the terminals. There is no need for retainer insertion or wire seal crimping; water proofing is achieved simply by inserting the crimp terminal into the connector. We also provide, as an option, seal cover mountings that prevent cable movement to reduce the load on the wire seal.



Connector Mating Figure

Units: mm



Component

① Female Housing	④ TAB (M Side)	⑦ Seal Cover
② Male Housing	⑤ Housing Seal	
③ REC (F Side)	⑥ Wire Seal	

- Two variations; products with a seal cover and those without a seal cover are envisaged.

- * Please feel free to contact us regarding changes to number of pins, shape or other specifications.
- * Please understand that the information shown may change due to product improvement, etc.



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