



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC MIL-C-5015 Connector



Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

Wire Size: **.2 – 2 mm²**

Connector System: **Wire-to-Wire**

[All CPC MIL-C-5015 Connector \(8\)](#)

Features

Product Type Features

Assembly Requirement	Unassembled Kit
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	10
Number of Power Positions	0
Number of Signal Positions	10

Electrical Characteristics

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Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Screw & Hole Thread Size	15/16-20 UNEF – 2A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Polyamide
Circular Connector Shell Size	18

Dimensions

Wire Size	.2 – 2 mm²
Assembly Length	41.15 mm[1.62 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



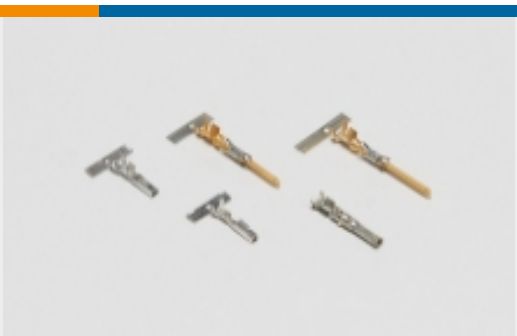
Circular Connector Seals(36)



Circular Power Connectors(459)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

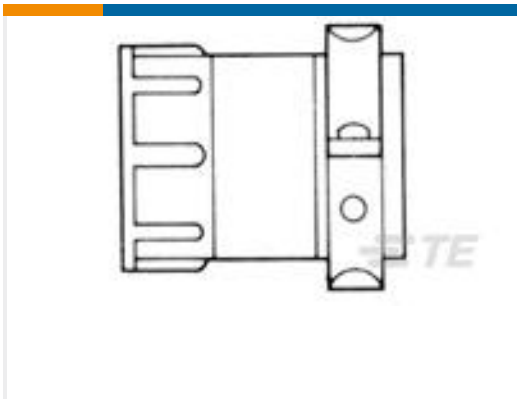
Customers Also Bought



TE Part #211766-1
Cable/Panel Mount Connector, CPC Series 1



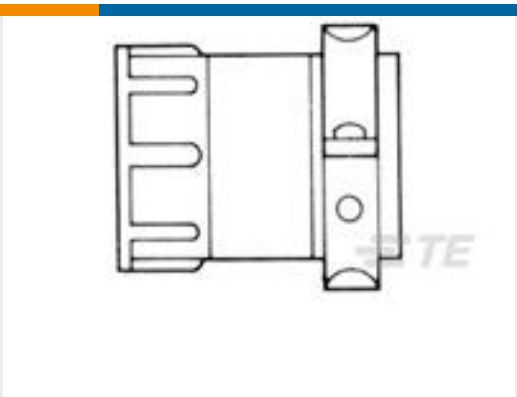
TE Part #1-66099-5
Pin and Socket Contacts, Type III, LP



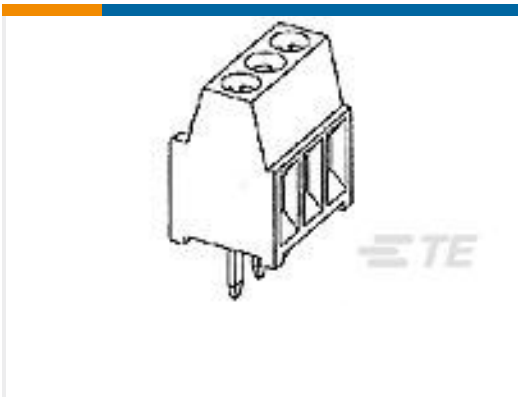
TE Part #206358-6
CABLE CLAMP KIT, BULK PKG



TE Part #211769-5
17-9 CPC RECEPT REV SEX



TE Part #206322-6
CABLE CLAMP KIT, BULK PKG



TE Part #282834-3
TERMI-BLOK PCB MOUNT, 90 3P.



TE Part #9-1437624-6
PKS1105B101/4=0-10 1/4 PKS-770



TE Part #4-2176412-3
5W XSM M/OX 5% 300R

Documents



Product Drawings

CPC 18-10 PLUG KIT W/CPLG RING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213671-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213671-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213671-1_O.3d_stp.zip

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3D PDF

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By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Agency Approvals

CSA Certificate

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CSA Certificate

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