



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **14**
Sealable: **Yes**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

Features

Product Type Features

Connector Seal & Plug Type	Peripheral
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	14
Number of Power Positions	0
Number of Signal Positions	14



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

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

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	17

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Standard



Product Compliance

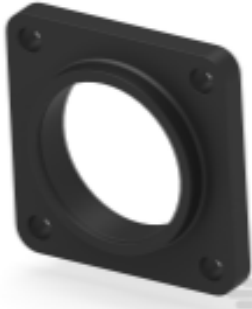
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

 TE Part # 207299-3 FLANGE PLUG MOUNT CPC	 TE Part # CAT-AM71-C83998B CPC Cable Clamps	 TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part # 207241-1 CABLE BOOT, SZ 17, CPC
 TE Part # 207387-1 CABLE GRIP, SZ 17, CPC	 TE Part # 207387-2 CABLE GRIP, SZ 17, CPC	 TE Part # 4-2407269-4 CAP, CPC, SIZE 17 RECP, YELLOW	 TE Part # 4-2407269-3 CAP, CPC, SIZE 17 RECP, RED



TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK

TE Part # 4-2407269-1
CAP, CPC, SIZE 17 RECP, ORANGE

Also in the Series

AMP CPC

Circular Power Connectors(458)

Connector Backshells(1)

Connector Caps & Covers(16)

Connector Contacts(6)

Connector Hardware(12)

Connector Seals & Cavity Plugs(36)

Connector Strain Relief(60)

Insertion & Extraction Tools(1)

Sealing Sleeves(2)

Customers Also Bought

TE Part # 54011-1
CPC STRAIN RELIEF,SIZE 17

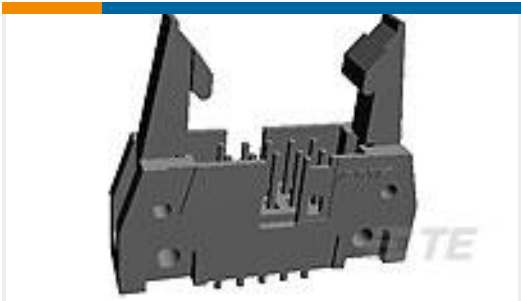
TE Part # 206430-2
CPC 11-4 Free Hanging Receptacle

TE Part # 182655-1
17 SIZE CPC STD CLAMP

TE Part # 182649-1
17-14 CPC PLUG RS



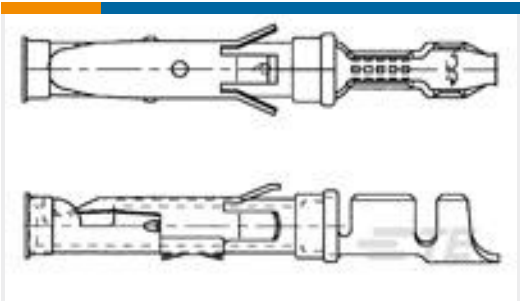
TE Part # 3-641438-9
09P MTA156 PSTD CONN ASSY WHT



TE Part # 499922-3
016 UNIV HDR SP 4S 15DP STD L1



TE Part # 293270-5
NECTOR S BUS BAR SEALED CONN,
TAB LV-2



TE Part # 163091-8
062 SOC.ASS. TYP3+



TE Part # 2408012-1
SMPM MALE ST TO SWITCH
ADAPTOR



TE Part # CN9118-000
RSTI-CC-5851-SE01

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206043-3_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206043-3_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206043-3_AN.3d_stp.zip

English

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

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report



English