



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 1 POSTED



Connector Product Type: **Connector Assembly**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Board, Wire-to-Panel**
Number of Positions: **16**
Sealable: **No**

[All CPC SERIES 1 POSTED \(40\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	16
Number of Power Positions	0
Keying	B
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin

Termination Features

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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange with Threaded Inserts
Connector Mounting Type	Panel Mount
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	With
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	17

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 Method	Tray
Packaging Quantity	24

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)



Candidate List Declared Against: JAN 2021 (211)
SVHC > Threshold:
Pb (3.7% in Component)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

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>

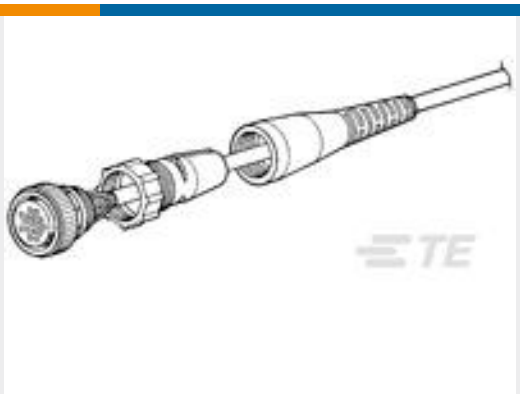
Compatible Parts



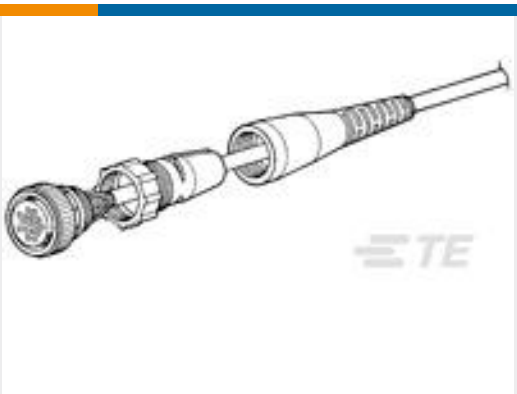
TE Part # CAT-AM71-C83998P
CPC ACCESSORIES



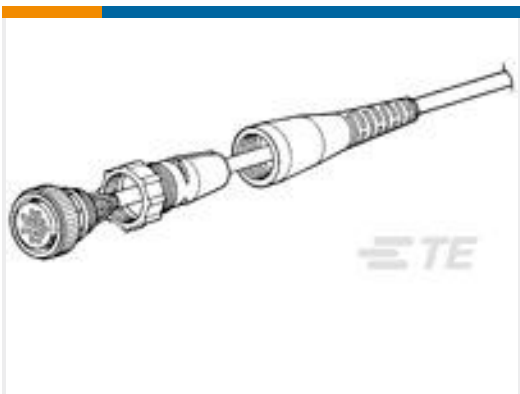
TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



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 # 213855-1
CPC RECPT ASSEMBLY SIZE 17-16



TE Part # CAT-AM71-C83998J
CPC SERIES 1

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)



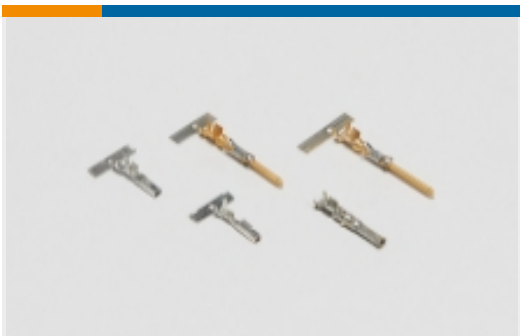
Circular Connector Seals(36)



Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

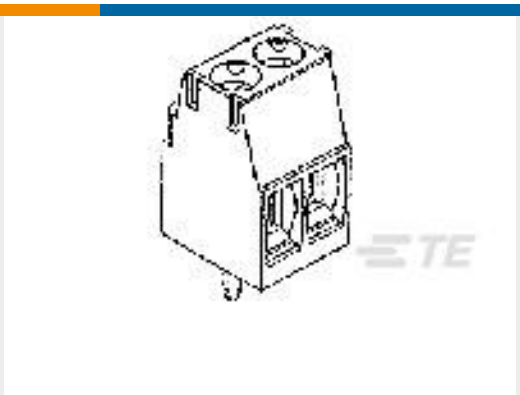
Customers Also Bought



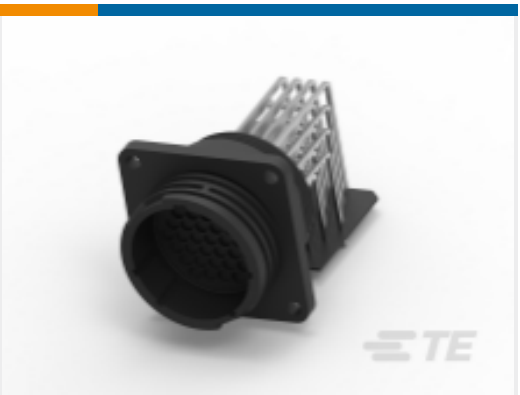
TE Part #1-6609113-3
CORCOM C SERIES MULTI-FUNCTION INLET FIL



TE Part #1-66105-9
TYPE III CONTACTS LP



TE Part #1-284392-0
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #1-207303-3
CPC SERIES 1 POSTED



TE Part #EC9838-000
ZHD-SCE LFH & FLUID RESISTANT SLEEVES



TE Part #1-102448-3
30 AMPMODU MT ASSY DR .100CL



TE Part #1-1546734-0
10P .325" HIGH-RISE DUAL BARRI

Documents



Product Drawings

CPC RECPT ASSEMBLY SIZE 17-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213855-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213855-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213855-4_F.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