



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CMC SERIES 3



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Wire Size: **10 – 16 AWG**
Connector System: **Wire-to-Panel**
Number of Positions: **3**

[All CMC SERIES 3 \(10\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	Metal-Shell

Configuration Features

Reverse Numbering	Without
Number of Positions	3
Number of Power Positions	3
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	25 A



Contact Protection	With
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Screw & Hole Thread Size	15/16-20 UNEF-2A
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 Plating Material	Nickel
Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	22

Dimensions

Wire Size	10 – 16 AWG
Accepts Wire Insulation Diameter Range	5.59 mm[.22 in]

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
VDE Tested	No

Packaging Features

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Packaging Method	Box
Packaging Quantity	10

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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)



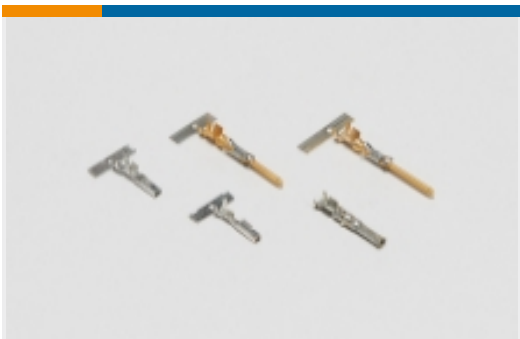
Circular Connector Seals(36)



Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



TE Part #208483-1
CMC SERIES 3



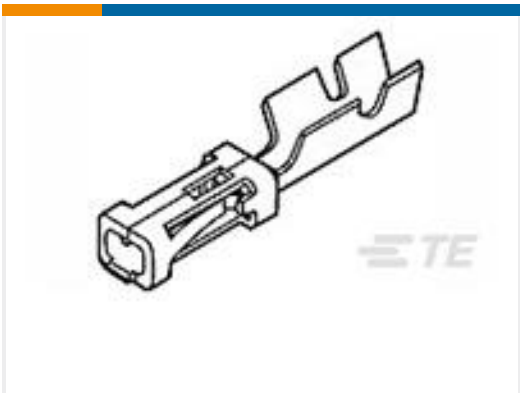
TE Part #193991-4
PIN ASSY. TPE XII



TE Part #1658621-3
16 NOVO MIL/CTR 15DP, LEAD FREE



TE Part #2-111196-2
60 RCPT SYSTEM 50, LEAD FREE



TE Part #102128-2
MOD V RECP LP



TE Part #130128
SOLIS R 16-14 M5



TE Part #208473-1
CMC SERIES 1



TE Part #207896-1
CONTACT SOC. ASSY.



Documents

Product Drawings

CMC RECEPTACLE ASSY,SIZE 22

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_208495-1_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_208495-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_208495-1_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773902-9_CPC_Catalog

German

1-1773902-9_CPC_Catalog

English

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

1-1773902-9_CPC_Catalog

Japanese

1-1773902-9_CPC_Catalog

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)



English

[Agency Approvals](#)

[CSA Certificate](#)

English