

AMP | AMP CPC

TE Internal #: 788189-2

Housing, 250 VDC, Wire-to-Wire, 3 Position, Sealable, Wire & Cable, Receptacle, Reverse Gender, Socket, AMP CPC, Circular

Power Connectors

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Connector Product Type: Housing

Operating Voltage: 250 VDC

Connector System: Wire-to-Wire

Number of Positions: 3

Sealable: Yes

All Environmentally Sealed Circular Connector, CPC Series 5 (8)

Features

Product Type Features

Connector Seal & Plug Type	Peripheral, Wire Entry Seal
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	With
Number of Positions	3
Number of Power Positions	3
Number of Signal Positions	0



Electrical Characteristics

Electrical Characteristics	
Operating Voltage	250 VAC
Contact Features	
Reverse Gender	Yes
Contact Type	Socket
Contact Protection	With
Mechanical Attachment	
Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With
Housing Features	
Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	17
Dimensions	
Compatible Insulation Diameter Range	3.81 – 6.73 mm[.15 – .265 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion
Operation/Application	
Circuit Application	Power & Signal
Shielded	No
Industry Standards	
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	24
Packaging Method	Tray

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: 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	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 # CAT-AM71-C83998U Environmentally Sealed Circular Connector, CPC Series 5



TE Part # CAT-AM71-C83998HH CPC SEALED ACCESSORIES



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(19)



Connector Contacts(6)



Connector Hardware(12)



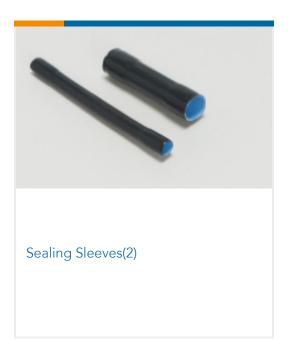
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

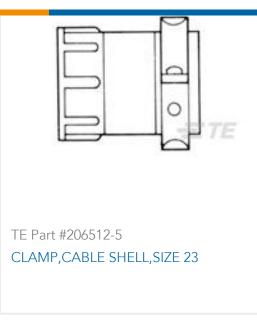


Customers Also Bought

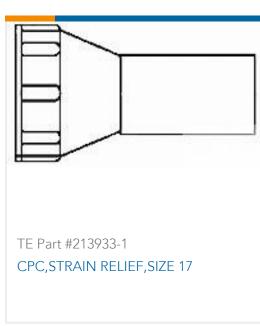














Documents

Product Drawings

CPC 17-3 RCPT ASY, REV SEX

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_788189-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_788189-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_788189-2_B.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_788189-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_788189-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_788189-2_E.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Product Specification

English