



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Circular Connector, Environmentally Sealed, CPC Series 6



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **16**
Sealable: **No**

[All Circular Connector, Environmentally Sealed, CPC Series 6 \(19\)](#)

Features

Product Type Features

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	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

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Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
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	Nylon - GF
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	100
Packaging Method	Bag

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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-C83998J
Cable/Panel Mount Connector, CPC Series 1



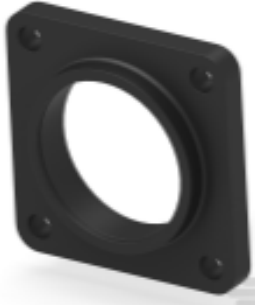
TE Part # CAT-AM71-A17
POWERBAND Contacts



TE Part # CAT-AM71-C83998AA
Two-Piece Receptacle, CPC Series 6



TE Part # CAT-AM71-C83998U
Environmentally Sealed Circular Connector, CPC Series 5



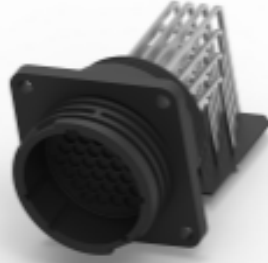
TE Part # 207299-3
FLANGE PLUG MOUNT CPC



TE Part # CAT-AM71-C83998
CPC Heat Shrink Strain Reliefs

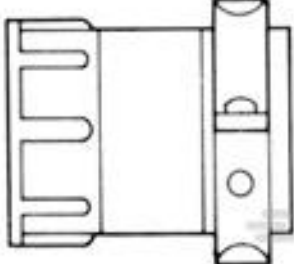


TE Part # CAT-AM71-C83998W
Sealed Accessories for CPC Series 5



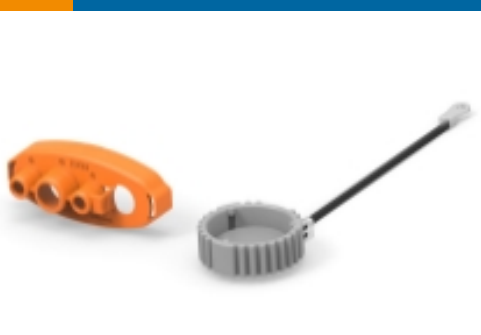
TE Part # CAT-AM71-C83998F
Connectors with Posted Pin Contacts, CPC Series 1

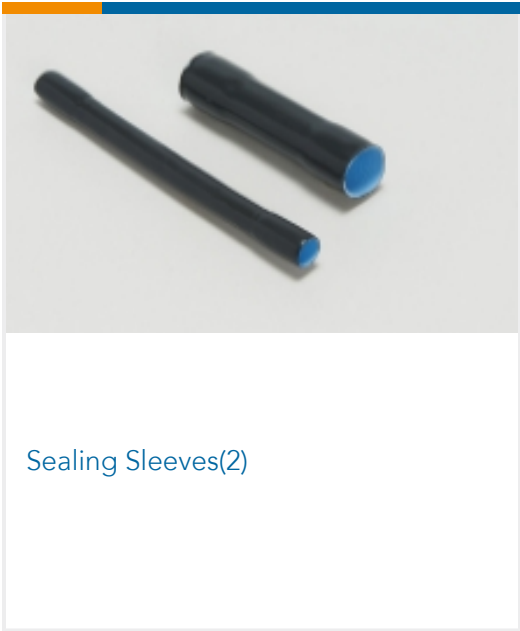


 TE Part # 81665-2 FLANGE GASKET CPC	 TE Part # CAT-AM71-C83998BB CPC SERIES 3	 TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part # 207292-2 CPC RECPT ASY FEED THRU 17-16
 TE Part # 213810-1 CPC COUPLING RING SIZE 17	 TE Part # 206036-3 RECEPT,SZ 17-16,CPC	 TE Part # 213933-1 CPC,STRAIN RELIEF,SIZE 17	 TE Part # 206036-1 RECEPT,SZ 17-16 CPC
 TE Part # 213900-1 CPC SEAL ASSY KIT,SRS 6,17-10	 TE Part # 206404-2 CPC RECPT ASSEMBLY SIZE 17-16	 TE Part # 213899-1 CPC SEAL ASSY KIT,SRS 5,17-3	 TE Part # 1-206322-1 CABLE CLAMP KIT, BULK PKG

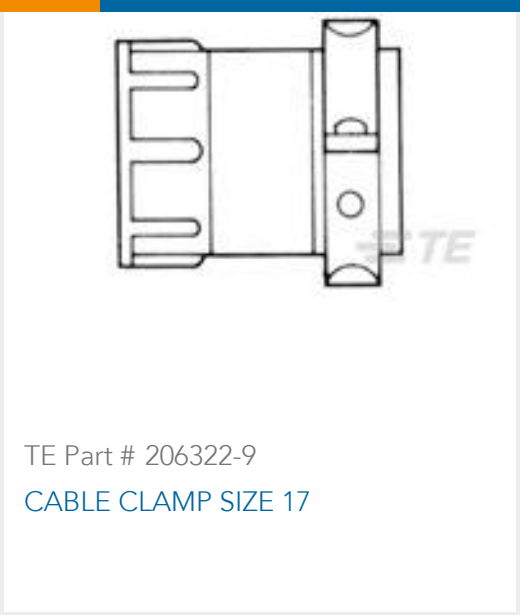
Also in the Series

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 PLUG ASSEMBLY SIZE 17-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206037-1_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206037-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206037-1_S.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

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English