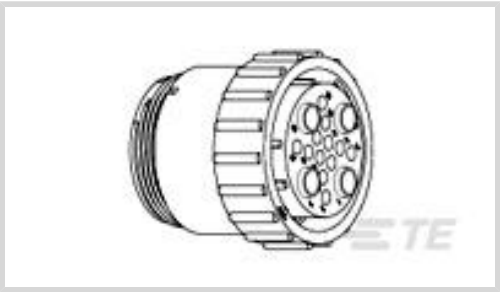




Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 6 SEALED TWO-PIECE



Connector Product Type: **Housing**  
Operating Voltage: **600 VDC**  
Connector System: **Wire-to-Wire**  
Number of Positions: **16**  
Sealable: **Yes**

[All CPC SERIES 6 SEALED TWO-PIECE \(11\)](#)

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Product Type            | Housing      |
| Connector System                  | Wire-to-Wire |
| Sealable                          | Yes          |
| 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  | 4               |
| Seal Type                  | Wire Entry Seal |
| Keying                     | A               |
| Number of Signal Positions | 12              |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

|                |    |
|----------------|----|
| Reverse Gender | No |
|----------------|----|



|                    |        |
|--------------------|--------|
| Contact Type       | Socket |
| Contact Protection | With   |

Mechanical Attachment

|                          |                    |
|--------------------------|--------------------|
| Panel Mount Feature Type | Flange             |
| Screw & Hole Thread Size | 1-3/8 - 18 UNEF-2A |
| Mating Alignment         | With               |
| Mating Retention         | With               |
| Panel Mount Feature      | Without            |
| Mating Alignment Type    | Keyed              |
| Mating Retention Type    | Threaded Coupling  |

Housing Features

|                               |                      |
|-------------------------------|----------------------|
| Body Orientation              | Straight             |
| Housing Color                 | Black                |
| Housing Material              | Nylon (UV Resistant) |
| Circular Connector Shell Size | 23                   |

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 |
| VDE Tested             | No       |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 20      |

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)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                          |
| 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-C83998X  
CPC SERIES 6 SEALED TWO-PIECE

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)



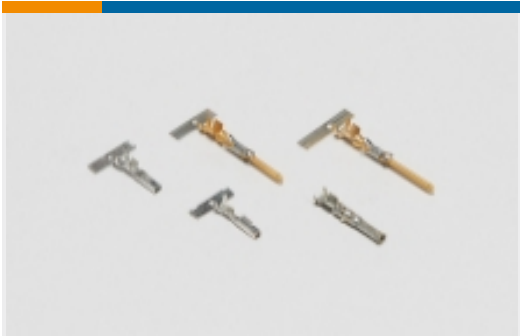
Circular Connector Seals(36)



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 #1977890-1  
CPC SERIES 6 SEALED TWO-PIECE



TE Part #1445022-5  
MICRO MNL RFCEPT HSG SINGLE R



TE Part #1-5227079-9  
COMM BNC PLUG



TE Part #2-1445093-4  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1445093-2  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1618408-3  
KCS01X024EACA=CONTACTOR, CURRENT SENSE



TE Part #1060875-2  
MCX CABLE PLUG, CRIMP ATTACH



TE Part #1478769-1  
ANTI-VIB NYLON GLD 12MM BLK

Documents

Product Drawings

SLD CPC PLUG ASSY,23-16,STD SX, UV RESIS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1977892-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1977892-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1977892-1\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English