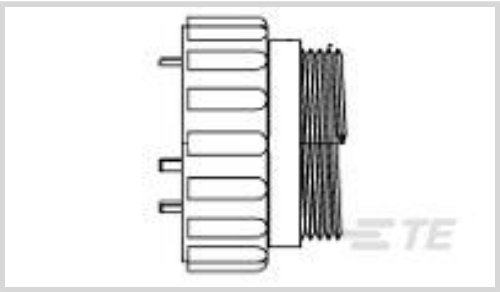




Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Sealable: **No**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

Features

Product Type Features

|                               |              |
|-------------------------------|--------------|
| Connector Product Type        | Housing      |
| Connector System              | Wire-to-Wire |
| Sealable                      | No           |
| Connector & Housing Type      | Plug         |
| Circular Connector Shell Type | All Plastic  |

Configuration Features

|                            |      |
|----------------------------|------|
| Reverse Numbering          | With |
| Number of Positions        | 4    |
| Number of Power Positions  | 0    |
| Number of Signal Positions | 4    |

Electrical Characteristics

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

Contact Features

|                              |        |
|------------------------------|--------|
| Reverse Gender               | No     |
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 13 A   |
| Contact Protection           | With   |



Mechanical Attachment

|                          |                   |
|--------------------------|-------------------|
| Mating Alignment Type    | Keyed             |
| Mating Alignment         | With              |
| Panel Mount Feature Type | Flange            |
| Mating Retention Type    | Threaded Coupling |
| Thread Size              | 5/8-24 UNEF-2A    |
| Mating Retention         | With              |
| Panel Mount Feature      | Without           |

Housing Features

|                               |           |
|-------------------------------|-----------|
| Body Orientation              | Straight  |
| Housing Color                 | Black     |
| Housing Material              | PA 6.6 GF |
| Circular Connector Shell Size | 11        |

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 |
|------------------------|----------|

Packaging Features

|                    |          |
|--------------------|----------|
| Packaging Quantity | 100      |
| Packaging Method   | Standard |

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 2023 (235) |



Candidate List Declared Against: JUNE 2023 (235)  
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

|                                                                                                                                                                     |                                                                                                                                                                               |                                                                                                                                                                      |                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-AM71-C83998Y<br/>One-Piece Connector, Sealed, CPC Series 1</p> |  <p>TE Part # CAT-AM71-C83998B<br/>CPC Cable Clamps</p>                                   |  <p>TE Part # CAT-AM71-C83998<br/>CPC Heat Shrink Strain Reliefs</p>            |  <p>TE Part # CAT-AM71-T98<br/>Pin and Socket Contacts, Type II</p>                     |
|  <p>TE Part # CAT-AM71-T98E<br/>Pin and Socket Contacts, Type III, LP</p>        |  <p>TE Part # CAT-AM71-T98D<br/>Pin and Socket Contacts, Type III, LP EMEA</p>            |  <p>TE Part # CAT-AM71-T98A<br/>Strip Pin and Socket Contacts, Type III, LP</p> |  <p>TE Part # CAT-AM71-T98G<br/>Pin and Socket Contacts, Type III, LP, High Current</p> |
|  <p>TE Part # CAT-AM71-T98B<br/>Strip Pin and Socket Contacts, Type III</p>      |  <p>TE Part # CAT-AM71-T98F<br/>Strip Pin and Socket Contacts, Type III, High Current</p> |  <p>TE Part # CAT-AM71-C83998O<br/>Pin and Socket Contacts, CPC MIL-C-5015</p>  |  <p>TE Part # 91505-1<br/>CCII TYPE III+ 24-16 ASSY</p>                                 |



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

TE Part # 91523-1  
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part # 91521-1  
CCII TYPE III+ PIN SKT 18-14 ASSY

TE Part # 207489-1  
FLEXIBLE CABLE BOOT, SIZE 11

TE Part # 207490-1  
CABLE GRIPPER, SIZE 11

TE Part # 193846-1  
SKT ASSY.

TE Part # 206903-2  
SEALING CAP ASSY,SZ 11,CPC

TE Part # 201613-1  
CONTACT SOCKET ASSY.

Also in the Series | AMP CPC

Circular Connector Adapters(7)

Circular Connector Hardware(3)

Circular Connector Keying Plugs(2)

Circular Power Connectors(458)

Connector Backshells(56)

Connector Caps & Covers(16)

Connector Seals & Cavity Plugs(36)

Connector Strain Relief(6)

Insertion & Extraction Tools(1)

Power Contacts(6)

Sealing Sleeves(2)

Customers Also Bought





TE Part #206425-1  
17-3 RECPT. REV SEX



TE Part #5745968-7  
25 PLUG SP/FMS INSRT



TE Part #T4141012121-000  
M12,REAR MOUNT,FEMALE,A,12P,  
SOLDER PCB



TE Part #172333-1  
MINI UNIVERSAL M-N-L HOUSING



TE Part #165004  
PLASTI-GRIP, SPADE 22-16 4



TE Part #2-1393249-0  
W58-XB1A4A-6=W58



TE Part #3-1825137-8  
A105SYZB04



TE Part #206552-1  
CPC RECPT ASSEMBLY SIZE 17-16

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 11-4

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_206516-1\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_206516-1\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_206516-1\_N.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_206516-1\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_206516-1\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_206516-1\_D.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

**Product Environmental Compliance**  
**TE Material Declaration**  
English

**Instruction Sheets**  
**Instruction Sheet (U.S.)**  
English

**Agency Approvals**  
**UL Report**  
English