## AMP | AMP CPC

TE Internal #: 182649-1

AMP CPC, Circular Power Connectors, Housing, Operating Voltage 600 VDC, Wire-to-Wire, 14 Position, Wire & Cable, Plug, Reverse

Gender, Pin

View on TE.com >



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC EMEA



Connector Product Type: Housing

Operating Voltage: 600 VDC

Connector System: Wire-to-Wire

Number of Positions: 14

Sealable: No

### All CPC EMEA (22)

## **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        | 14      |
| Number of Power Positions  | 0       |
| Number of Signal Positions | 14      |

## **Electrical Characteristics**

| Operating Voltage | 600 VAC |  |
|-------------------|---------|--|
| Contact Features  |         |  |
|                   |         |  |

| Reverse Gender     | Yes  |
|--------------------|------|
| Contact Type       | Pin  |
| Contact Protection | With |



| Mechanical Attachment         |                            |
|-------------------------------|----------------------------|
| Screw & Hole Thread Size      | 15/16-20 UNEF-2A           |
| Connector Mounting Type       | Cable Mount (Free-Hanging) |
| 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              | Thermoplastic              |
| 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                   |
| UL Rating                     | Recognized                 |
| CSA Certified                 | Yes                        |
| VDE Tested                    | No                         |
| Packaging Features            |                            |
| Packaging Method              | Bag                        |
| Packaging Quantity            | 100                        |
|                               |                            |

## **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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| 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



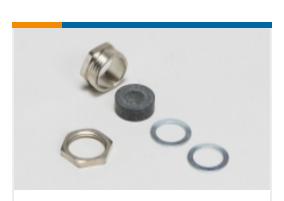
Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)





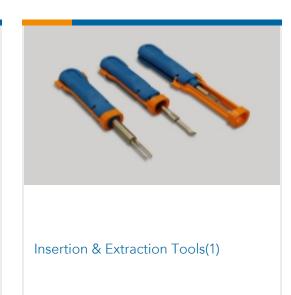
Circular Connector Keying Plugs(2)

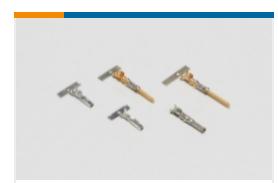


Circular Connector Seals(36)



Circular Power Connectors(513)





Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

# Customers Also Bought



TE Part #206043-3 CPC SERIES 1



TE Part #182641-1 CPC EMEA



TE Part #163088-1

TYPE III CONTACTS LP EMEA





TE Part #182661-1 CPC CABLE CLAMPS EMEA



## **Documents**

Product Drawings 17-14 CPC PLUG RS

English

**CAD Files** 

3D PDF

English

Customer View Model ENG\_CVM\_182649-1\_B2.2d\_dxf.zip



English

**Customer View Model** 

ENG\_CVM\_182649-1\_B2.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_182649-1\_B2.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Environmental Compliance

**TE Material Declaration** 

English

**Agency Approvals** 

**UL Report** 

English