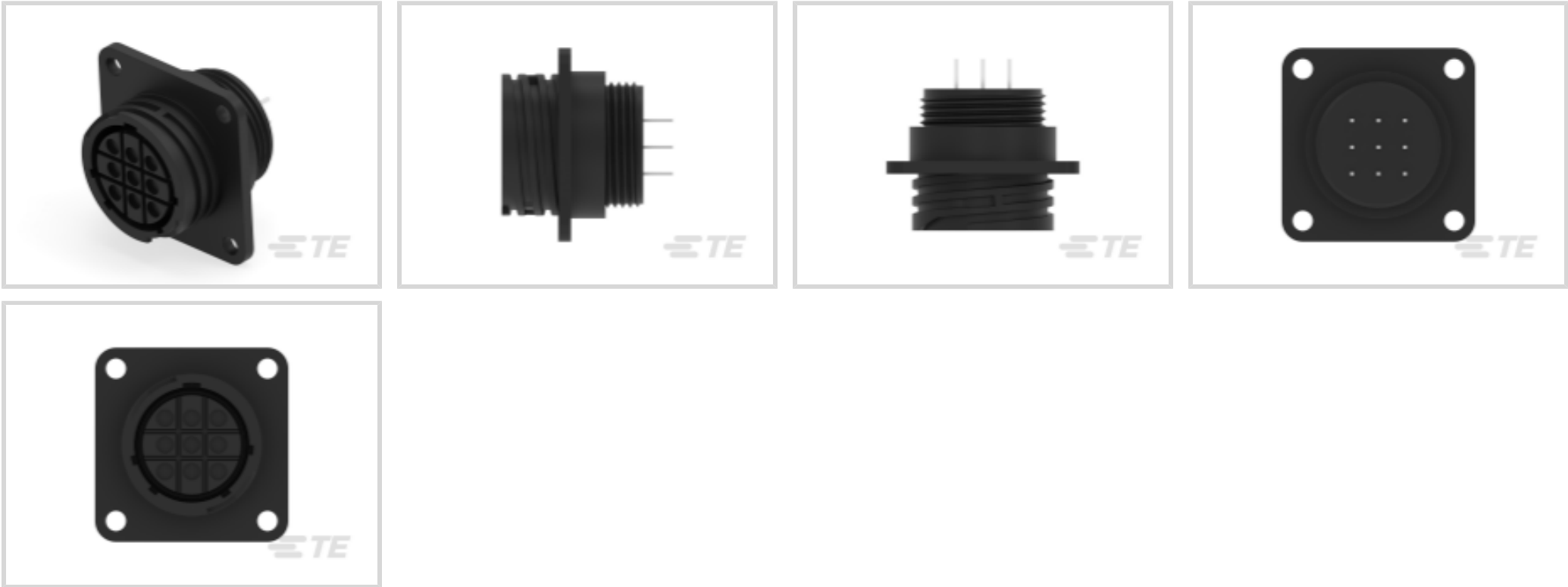




Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 9

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board, Wire-to-Panel**

Sealable: **Yes**

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Connector Product Type            | Connector Assembly           |
| Connector System                  | Wire-to-Board, Wire-to-Panel |
| Sealable                          | Yes                          |
| Connector & Contact Terminates To | Printed Circuit Board        |
| Connector & Housing Type          | Receptacle                   |
| Circular Connector Shell Type     | All Plastic                  |

Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 9 |
| Number of Power Positions  | 0 |
| Number of Signal Positions | 9 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

|                |     |
|----------------|-----|
| Reverse Gender | Yes |
|----------------|-----|



|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
| Mating Alignment Type    | Keyed                      |
| Mating Retention Type    | Threaded Coupling          |
| Mating Alignment         | With                       |
| Polarization Code        | A                          |
| Connector Mounting Type  | Panel Mount                |
| Mating Retention         | With                       |
| Panel Mount Feature      | With                       |

Housing Features

|                               |       |
|-------------------------------|-------|
| Housing Color                 | Black |
| Housing Material              | Nylon |
| Circular Connector Shell Size | 17    |

Dimensions

|                 |                   |
|-----------------|-------------------|
| Assembly Length | 32.26 mm[1.27 in] |
|-----------------|-------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Fluid Resistance            | Immersion                  |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                        |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                  |

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 # 206070-8  
CABLE CLAMP KIT #17



TE Part # 207241-1  
CABLE BOOT,SZ 17,CPC



TE Part # 207387-2  
CABLE GRIP,SZ 17,CPC



TE Part # 211768-1  
CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 4-2407269-2  
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 207299-3  
FLANGE PLUG MOUNT CPC



TE Part # 1-206322-0  
CABLE CLAMP KIT, BULK PKG



TE Part # 4-2407269-1  
CAP, CPC, SIZE 17 RECP, ORANGE



TE Part # 1546349-2  
R/A CABLE CLAMP KIT,SZ 17,CPC



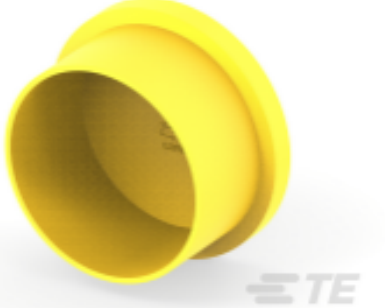
TE Part # 206322-9  
CABLE CLAMP SIZE 17



TE Part # 4-2407269-3  
CAP, CPC, SIZE 17 RECP, RED



TE Part # 1-206070-0  
CABLE CLAMP KIT, BULK PKG



TE Part # 4-2407269-4  
CAP, CPC, SIZE 17 RECP, YELLOW



TE Part # 207387-1  
CABLE GRIP,SZ 17,CPC



TE Part # 796381-2  
R/A STRN RELIEF KIT,SZ 17,CPC

Also in the Series | AMP Circular Plastic Connectors



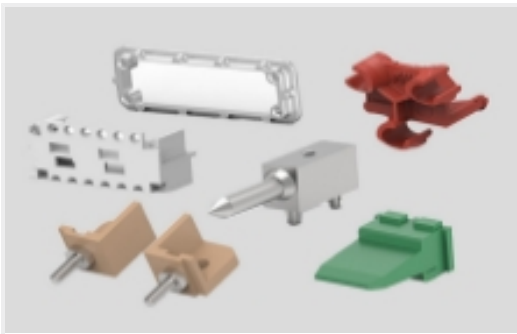
Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Hardware(10)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #1-796404-1  
CPC PSTD RCPT,17-16,R/A LF



TE Part #1-207216-7  
CPC RECEPT ASSEMBLY SIZE 17-28



TE Part #1744427-2  
EP Header Asy,Shrouded,2 Pos, GW



TE Part #213798-3  
CPC RECEPT ASSEMBLY SIZE 23-24



TE Part #213859-2  
CPC RECEPT ASSEMBLY SIZE 23-19



TE Part #6-104068-7  
100 SYSTEM 50 HDR DRST SHRD



TE Part #208223-9  
CPC RECEPT ASSEMBLY SIZE 13-9



TE Part #1-207303-5  
CPC RECEPT ASSM SIZE 17-16



TE Part #1-796433-1  
CPC POSTED RCPT,13-7 LF



TE Part #213782-4  
CPC RECEPT ASSEMBLY SIZE 23-19

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-213826-1\_Z.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-213826-1\_Z.3d\_igs.zip



English

Customer View Model

ENG\_CVM\_CVM\_1-213826-1\_Z.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

CSA Certificate

English