



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 9

Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

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

Sealable: **No**

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

Electrical Characteristics

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

Contact Features



|                              |        |
|------------------------------|--------|
| Reverse Gender               | No     |
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 7.5 A  |
| Contact Protection           | With   |

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Mating Retention Type    | Threaded Coupling          |
| Thread Size              | 5/8-24 UNEF-2A             |
| Panel Mount Feature Type | Flange                     |
| Mating Alignment Type    | Keyed                      |
| Mating Alignment         | With                       |
| Connector Mounting Type  | Cable Mount (Free-Hanging) |
| Mating Retention         | With                       |
| Panel Mount Feature      | Without                    |

Housing Features

|                               |               |
|-------------------------------|---------------|
| Body Orientation              | Straight      |
| Housing Color                 | Black         |
| Housing Material              | Thermoplastic |
| Circular Connector Shell Size | 11            |

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 1.73 mm[.068 in] |
|--------------------------------------|------------------|

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   | 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 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                     | 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-035-DCCPB20  
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part # 1-206062-7  
CABLE CLAMP KIT, BULK PKG

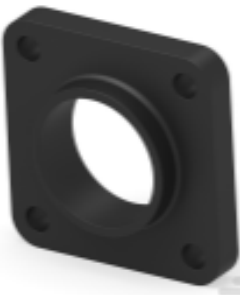


TE Part # 91525-1  
CCII AMPLIMITE HDP-20 PIN SKT 26-22 ASSY



TE Part # 2387134-2  
FL RPT CONN CA,STD,SER 2,SZ 11-9, L 1M

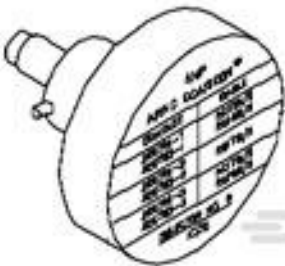




TE Part # 207299-1  
PLUG MTG. FLANGE NO 11 CPC



TE Part # 2407269-1  
CAP, CPC, SIZE 11, PLUG, ORANGE



TE Part # 601966-5  
K13-1 POSITIONER



TE Part # 2407269-2  
CAP, CPC, SIZE 11 PLUG, BLACK



TE Part # 601966-1  
CRIMPING TOOL M22520/2-01



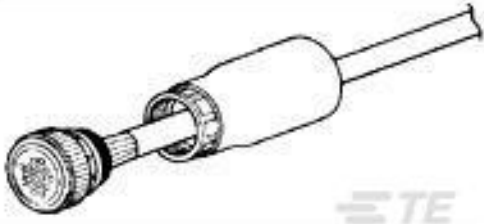
TE Part # 2387134-3  
FL RPT CONN CA,STD,SER 2,SZ 11-9, L 2M



TE Part # 205089-1  
HD 20 PIN CONTACT



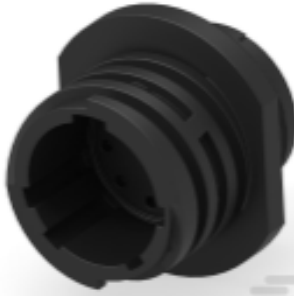
TE Part # 206486-1  
CPC RECPT ASSEMBLY SIZE 11-9



TE Part # 54010-4  
CPC STRAIN RELF,SZ11,SPECIAL



TE Part # CAT-035-DCCSC20  
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



TE Part # 206486-2  
CPC RECPT ASSEMBLY SIZE 11-9



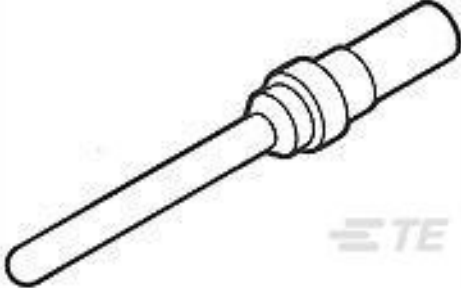
TE Part # 2407269-4  
CAP, CPC, SIZE 11 PLUG, YELLOW



TE Part # 206852-8  
CPC RECPT ASSEMBLY SIZE 11-9



TE Part # 207490-1  
CABLE GRIPPER, SIZE 11



TE Part # 205089-2  
PIN CONTACT,SZ 20,AMPLIMITE



TE Part # 2387134-1  
FL RPT CONN CA,STD,SER 2,SZ 11-9, L 0.5M

Also in the Series | **AMP Circular Plastic Connectors**



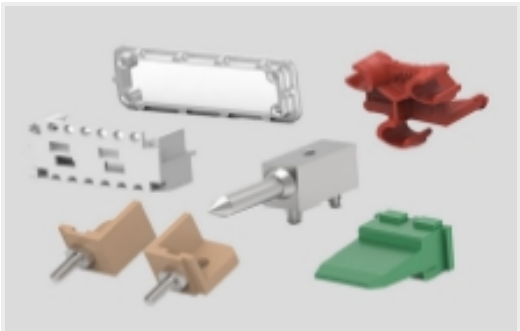
Circular Power Connectors(36)



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 2

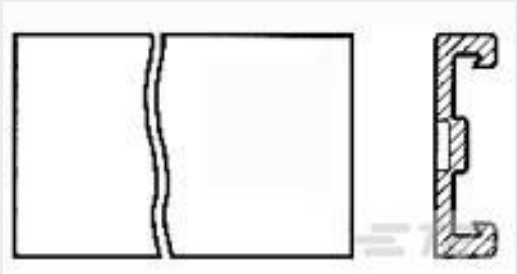


Circular Power Connectors(36)



Connector Contacts(51)

Customers Also Bought



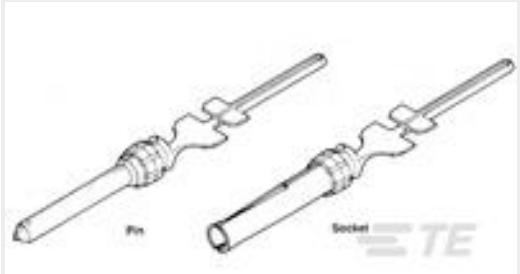
TE Part #640643-8  
08P MTA156 COVER F/T



TE Part #205838-1  
CPC PLUG ASSEMBLY SIZE 11-8



TE Part #205840-4  
CPC RCPT ASSY 17-28 W/INSERTS



TE Part #5-745287-4  
20 DF PIN CONTACT DUPLEX/LP



TE Part #1658543-3  
CONT, SOCKET, PLATED, 20DF, STRIP, #22-26



TE Part #5-643813-0  
20P MTA100 CONN ASSY POL RIB



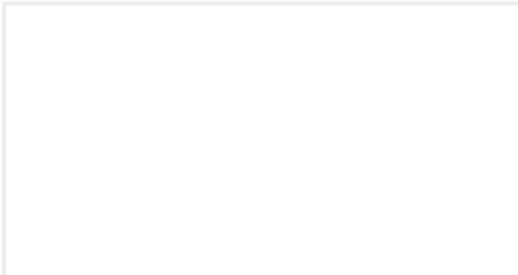
TE Part #206434-1  
CPC PLUG ASSEMBLY SIZE 11-8



TE Part #1-206062-4  
CABLE CLAMP KIT #11



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



TE Part #EG8836-000  
400R1121-24-0/9-9



Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 11-9

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_206485-1\_G.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_206485-1\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_206485-1\_G.3d\_stp.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_206485-1\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_206485-1\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_206485-1\_L.3d\_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

206485-1

9 Position Circular Power Connector, Housing, 250 VDC, Wire-to-Wire, Wire & Cable, Plug, Socket, Signal, Black, AMP Circular Plastic Connectors

