



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 13

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector System                  | Wire-to-Panel |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |
| Connector & Housing Type          | Receptacle    |
| Circular Connector Shell Type     | All Plastic   |

Configuration Features

|                            |         |
|----------------------------|---------|
| Reverse Numbering          | Without |
| Number of Positions        | 13      |
| Number of Power Positions  | 5       |
| Number of Signal Positions | 8       |

Electrical Characteristics

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

Contact Features



|                    |      |
|--------------------|------|
| Reverse Gender     | No   |
| Contact Type       | Pin  |
| Contact Protection | With |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
| Mating Alignment Type    | Keyed                      |
| Mating Retention Type    | Threaded Coupling          |
| Thread Size              | 1-3/8 - 18 UNEF-2A         |
| Mating Alignment         | With                       |
| Connector Mounting Type  | Panel Mount                |
| Mating Retention         | With                       |
| Panel Mount Feature      | With                       |

Housing Features

|                               |           |
|-------------------------------|-----------|
| Body Orientation              | Straight  |
| Housing Color                 | Black     |
| Housing Material              | PA 6.6 GF |
| Circular Connector Shell Size | 23        |

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

Packaging Features

|                    |          |
|--------------------|----------|
| Packaging Quantity | 1        |
| 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: 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 # 206512-5  
CLAMP, CABLE SHELL, SIZE 23



TE Part # 206138-8  
CLAMP CBL SHELL SIZE 23



TE Part # 1546350-2  
R/A CABLE CLAMP KIT, SZ 23, CPC



TE Part # 211824-1  
CPC PLUG ASSEMBLY 23-13



TE Part # 207597-1  
PLUG, TYPE XII KEYING



TE Part # 1-206138-0  
CABLE CLAMP ASSY, BULK PACKED



TE Part # 207055-1  
EXTENDER BACK SHELL



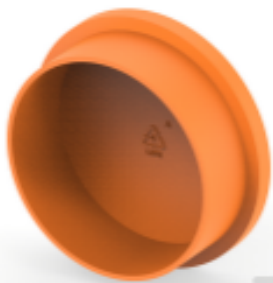
TE Part # 213812-1  
COUPLING RING, SZ 23, CPC



TE Part # 207774-4  
CABLE CLAMP ASY,SZ 23,BULK PKG



TE Part # 6-2407269-2  
CAP, CPC, SIZE 23 RECP, BLACK



TE Part # 6-2407269-1  
CAP, CPC, SIZE 23 RECP, ORANGE



TE Part # 6-2407269-3  
CAP, CPC, SIZE 23 RECP, RED



TE Part # 796382-2  
R/A STRN RELIEF KIT,SZ 23,CPC



TE Part # 207299-4  
FLANGE PLUG



TE Part # 206512-6  
LARGE CABLE CLAMP KIT,BULK PKG



TE Part # 6-2407269-4  
CAP, CPC, SIZE 23 RECP, YELLOW



TE Part # 207774-3  
CLAMP CABLE SHELL,SIZE 23

Also in the Series | AMP Circular Plastic Connectors



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(9)



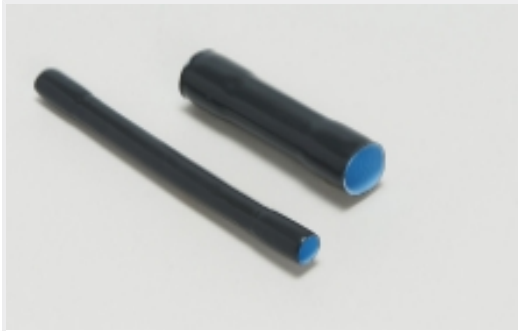
Connector Contacts(6)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

Also in the Series | Circular Plastic Connectors Series 4



Circular Power Connectors(9)

Customers Also Bought



TE Part #211824-1  
CPC PLUG ASSEMBLY 23-13



TE Part #102241-4  
06 MODIV HSG COMP SR .100 POL



TE Part #102241-5  
07 MODIV HSG COMP SR .100 POL



TE Part #102241-8  
10 MODIV HSG COMP SR .100 POL



TE Part #193797-1  
SKT ASSY - 2MM, 10 AWG



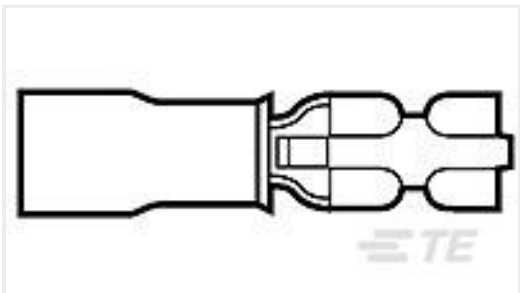
TE Part #1-87631-5  
20 MODIV HSG COMP DR .100 POL



TE Part #193990-2  
SKT ASSY,TYPE XII, #8 AWG



TE Part #HD36-18-20PN  
PLG, 20P, AL, N, 16/20, P



TE Part #640921-1  
RECEPT,PIDG FASTON 22-18 110



TE Part #6-66460-4  
PIN,.062 DIA,.025 SQ POST,LP

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 23-13

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_211825-1\_T.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_211825-1\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_211825-1\\_T.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[CSA Certificate](#)

English

[CSA Certificate](#)

English