



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: Housing

Operating Voltage: 600 VDC

Connector System: Wire-to-Wire

Sealable: No

Features

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 10 |
| Packaging Method | Small Pack |

Mechanical Attachment

| | |
|--------------------------|--------------------|
| Panel Mount Feature Type | Flange |
| Mating Alignment Type | Keyed |
| Mating Retention Type | Threaded Coupling |
| Mating Alignment | With |
| Thread Size | 1-3/8 - 18 UNEF-2A |
| Polarization Code | A |
| Connector Mounting Type | Panel Mount |
| 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 | 23 |

Configuration Features

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



| | |
|----------------------------|---------|
| Reverse Numbering | Without |
| Number of Positions | 37 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 37 |

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 |

Electrical Characteristics

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

Contact Features

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

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 206151-4
CPC RECPT SEALED SIZE 23-37




TE Part # 206151-1
23-37 RECEPT STD SEX




TE Part # 206151-2
23-37 F.H. RECEPT



TE Part # 1-796406-1
CPC PSTD RCPT,23-37,R/A LF



TE Part # 787610-1
CPC RECPT,SIZE 23-37 W/INSERTS



TE Part # 206151-3
CPC RECPT SEALED SIZE 23-37

Also in the Series | AMP CPC



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



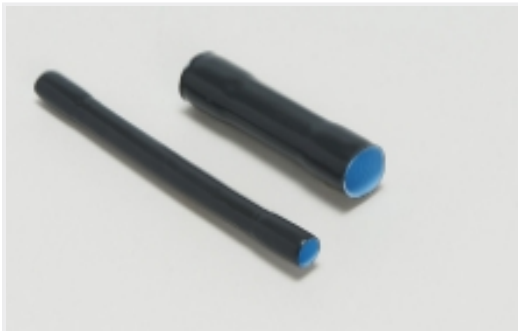
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #1-6609021-0
10VB3=F7129 S0



TE Part #4-2176230-2
3522 2K2 5% 3W



TE Part #1676814-2
HSA5 230R 5%



TE Part #8-2176459-2
SMW 7W 240R 5% Taped



TE Part #206060-2
CPC PLUG,SZ 11-4,SMALL PACK



TE Part #1-1437624-8
PKAP50B1/4=KNOB PLASTIC W/POIN



TE Part #9-2176370-9
RQ 0603 4K53 0.1% 10PPM 5K RL



TE Part #2176251-9
CRGS2010 5% 4R7



TE Part #6-102084-4
04 MODII HORZ DR CE EESS 100CL



TE Part #5-103324-4
08 MODII HDR DRRA B/A .100CL LF

Documents



Product Drawings

CPC PLUG,SZ 23-37,SMALL PACK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_206150-2_K1.2d_dxf.zip

English

Customer View Model

ENG_CVM_206150-2_K1.3d_igs.zip

English

Customer View Model

ENG_CVM_206150-2_K1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206150-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206150-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206150-2_M.3d_stp.zip

English

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Agency Approvals

CSA Certificate

English

CSA Certificate

English