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Connector Product Type: **Housing**  
Operating Voltage: **600 VDC**  
Connector System: **Wire-to-Wire**  
Number of Positions: **37**  
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          | Receptacle   |
| Circular Connector Shell Type     | All Plastic  |

Configuration Features

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

Electrical Characteristics

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

Contact Features



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

Mechanical Attachment

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

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




TE Part # 207055-1  
EXTENDER BACK SHELL




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




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




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



TE Part # 206512-5  
CLAMP, CABLE SHELL, SIZE 23



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



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



TE Part # 206305-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206305-4  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206138-8  
CLAMP CBL SHELL SIZE 23



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



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



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




TE Part # 207299-4  
FLANGE PLUG




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

Also in the Series | AMP Circular Plastic Connectors




Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)




Connector Contacts(260)



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 #1-66099-5  
III+ PIN,18-16,TIN ,LP



TE Part #1-66101-9  
III+ SKT,18-16,TIN ,LP



TE Part #1-66105-9  
III+ SKT,24-20,TIN,LP



TE Part #206043-1  
RECEPT,SZ 17-14 CPC



TE Part #206430-1  
RECPT, SZ 11-4, CPC



TE Part #206838-1  
23-24 RECEPT



TE Part #211769-1  
17-9 CPC RECEPT REV SEX



TE Part #213850-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #213864-1  
23-37 RCPT HSG,REV SEX,CPC



TE Part #2-2176507-7  
CJP 200W 82R 5% Lead

Documents

Product Drawings  
23-37 RECEPT REV SEX

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_206306-1\_AL.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_206306-1\\_AL.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_206306-1\\_AL.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English