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Connector Product Type: **Housing**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **3**
Sealable: **Yes**

Features

Product Type Features

| | |
|-----------------------------------|-----------------|
| Connector Seal & Plug Type | Wire Entry Seal |
| Connector Product Type | Housing |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Connector & Housing Type | Plug |
| Circular Connector Shell Type | All Plastic |

Configuration Features

| | |
|----------------------------|---------|
| Reverse Numbering | Without |
| Number of Positions | 3 |
| Number of Power Positions | 3 |
| Number of Signal Positions | 0 |

Electrical Characteristics

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



Contact Features

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

Mechanical Attachment

| | |
|-----------------------|--------------------|
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Mating Retention Type | Threaded Coupling |
| Thread Size | 15/16-20 UNEF – 2A |
| Polarization Code | A |
| Mating Retention | With |
| Panel Mount Feature | Without |

Housing Features

| | |
|-------------------------------|----------------------|
| Body Orientation | Straight |
| Housing Color | Black |
| Housing Material | Nylon (UV Resistant) |
| Circular Connector Shell Size | 17 |

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 2.41 – 5.21 mm[.095 – .205 in] |
|--------------------------------------|--------------------------------|

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # 1977888-1
CPC 17-3 RCPT ASY,REV SEX, UV RESIST




TE Part # 5-2407269-2
CAP, CPC, SIZE 23 PLUG, BLACK




TE Part # 5-2407269-1
CAP, CPC, SIZE 23 PLUG, ORANGE



TE Part # 5-2407269-3
CAP, CPC, SIZE 23 PLUG, RED



TE Part # 5-2407269-4
CAP, CPC, SIZE 23 PLUG, YELLOW



TE Part # 2267081-1
CPC 17-3 RCPT ASY,REV SEX, UV



Also in the Series

AMP CPC

Circular Power Connectors(458)

Connector Backshells(1)

Connector Caps & Covers(19)

Connector Contacts(6)

Connector Hardware(12)

Connector Seals & Cavity Plugs(36)

Connector Strain Relief(60)

Insertion & Extraction Tools(1)

Sealing Sleeves(2)

Customers Also Bought

TE Part #206430-2
CPC 11-4 Free Hanging Receptacle

TE Part #207008-6
CPC Cable Clamps

TE Part #320861
TERMINAL,PIDG SPD FLG 16-14 6

TE Part #T4030014031-000
M8.MLE.PNLREAR.3POS.STR

TE Part #38941-22L
CONTACTS

TE Part #170359-1
UNIV M-N-L PIN 26-22 AWG

TE Part #929941-3
JPT REC 2.8 Contact SWS Sn

TE Part #173631-1
MCI/O REC CONTACT REEL



Documents

Product Drawings

CPC 17-3 PLUG ASY,REV SEX, UV RESIST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1977889-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1977889-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1977889-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English