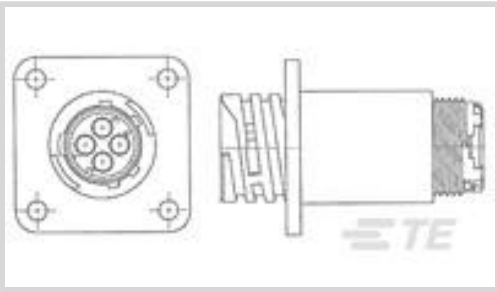




Connectors > Power Connectors > Circular Power > Circular Power Connectors > One-Piece Connector, Sealed, CPC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **4**

Sealable: **Yes**

[All One-Piece Connector, Sealed, CPC Series 1 \(33\)](#)

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          | Receptacle      |
| Circular Connector Shell Type     | All Plastic     |

Configuration Features

|                            |      |
|----------------------------|------|
| Reverse Numbering          | With |
| Number of Positions        | 4    |
| Number of Power Positions  | 0    |
| Number of Signal Positions | 4    |

Electrical Characteristics

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

Contact Features

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



|                    |      |
|--------------------|------|
| Contact Protection | With |
|--------------------|------|

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Mating Alignment Type    | Keyed                      |
| Mating Alignment         | With                       |
| Panel Mount Feature Type | Flange with Mounting Holes |
| Mating Retention Type    | Threaded Coupling          |
| Thread Size              | 5/8-24 UNEF-2A             |
| Polarization Code        | A                          |
| Connector Mounting Type  | Panel Mount                |
| Mating Retention         | With                       |
| Panel Mount Feature      | With                       |

Housing Features

|                               |              |
|-------------------------------|--------------|
| Body Orientation              | Straight     |
| Housing Color                 | Black        |
| Housing Material              | Nylon 6/6 GF |
| Circular Connector Shell Size | 11           |

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | 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 |

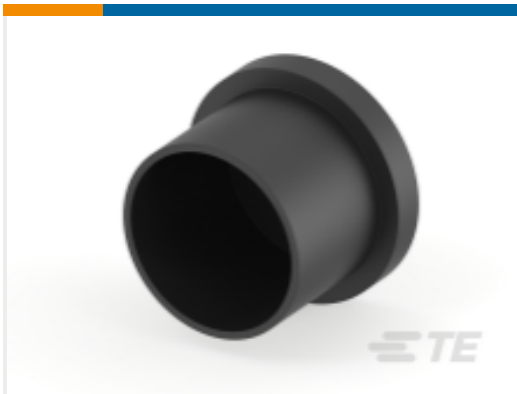


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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>

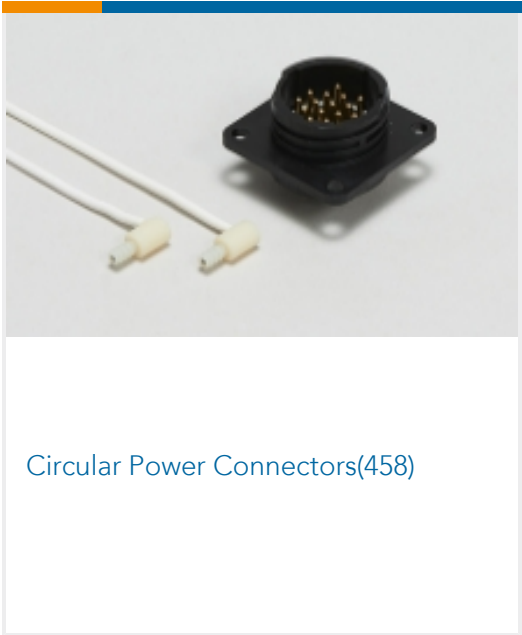
Compatible Parts

|                                                                                                                                                   |                                                                                                                                                   |                                                                                                                                                                    |                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-AM71-C83998HH<br/>CPC SEALED ACCESSORIES</p> |  <p>TE Part # 788153-2<br/>SLD CPC PLUG ASSY,11-4,REV SEX</p> |  <p>TE Part # CAT-AM71-C83998<br/>CPC Heat Shrink Strain Reliefs</p>          |  <p>TE Part # 1-206062-7<br/>CABLE CLAMP KIT, BULK PKG</p>                     |
|  <p>TE Part # 81665-3<br/>ECONOSEAL, FLANGE GASKET</p>         |  <p>TE Part # 208337-1<br/>SEAL PROTECTOR PIN</p>             |  <p>TE Part # 1-2407269-2<br/>CAP, CPC, SIZE 11 RECP &amp; 13 PLUG, BLACK</p> |  <p>TE Part # 1-2407269-1<br/>CAP, CPC, SIZE 11 RECP &amp; 13 PLUG, ORANGE</p> |

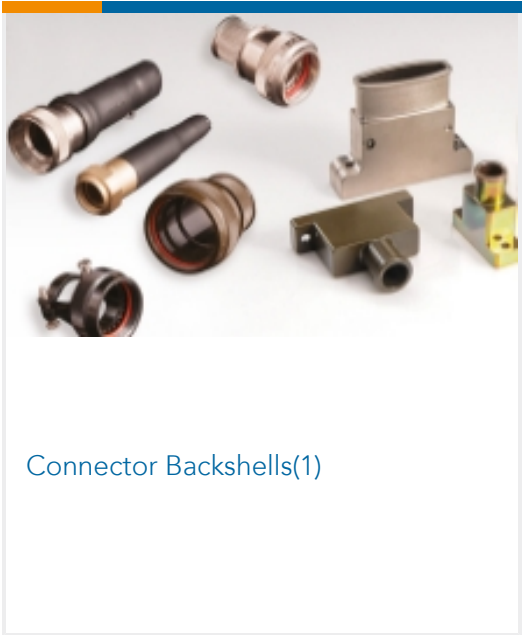


TE Part # 1-2407269-4  
CAP, CPC, SIZE 11 RECP & 13 PLUG,  
YELLOW

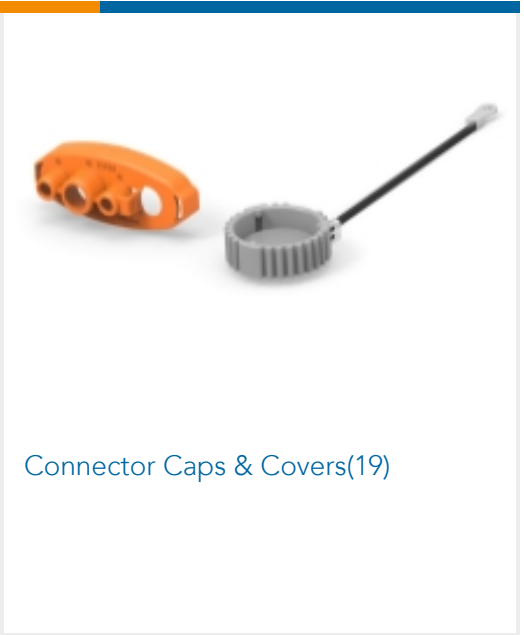
Also in the Series | AMP CPC



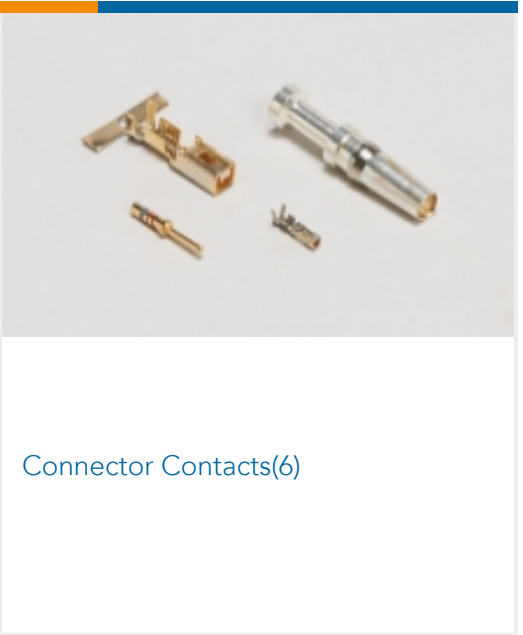
Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(19)



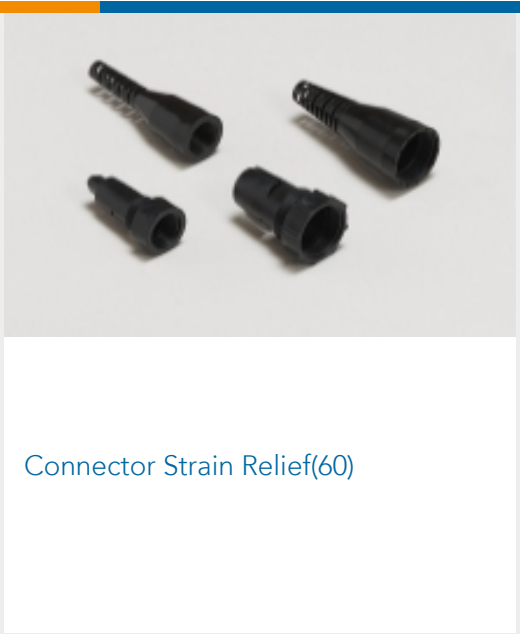
Connector Contacts(6)



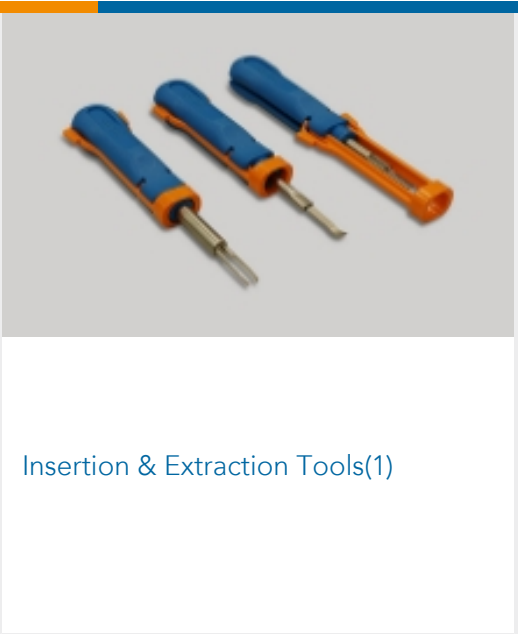
Connector Hardware(12)



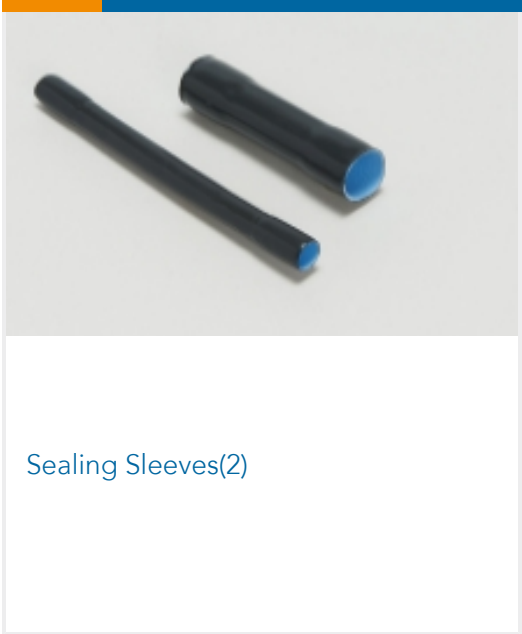
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

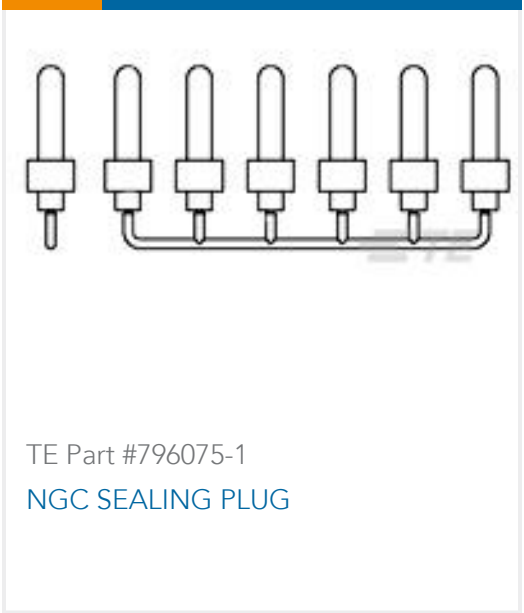


Sealing Sleeves(2)

Customers Also Bought



TE Part #1977884-1  
One-Piece Connector, Sealed, CPC  
Series 1



TE Part #796075-1  
NGC SEALING PLUG

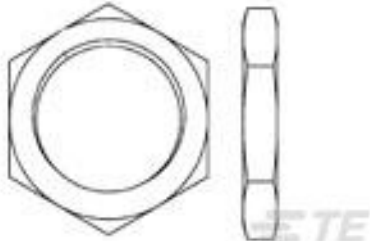


TE Part #66104-8  
III+ SKT, 24-20, 15AU/FL, STRIP



TE Part #T4162113004-005  
RPC-M12-4MS-5.0SH-M12-4FS-PVC





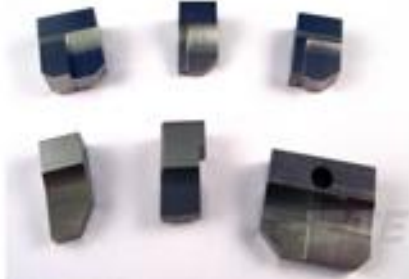
TE Part #1604196-1  
NUT, JAM, 5/8-24, PKG QTY 100



TE Part #1-66361-3  
III+ PIN, 18-14, TIN, SMPACK



TE Part #5-104655-7  
60 50/50 HDR DRST SFMNT TIN



TE Part #9-803653-4  
ANVIL, COMB HDM

Documents

Product Drawings

SLD CPC RCPT ASSY, 11-4, REV SEX

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_788154-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_788154-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_788154-2\_A.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_788154-2\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_788154-2\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_788154-2\_O.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



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[Agency Approvals](#)

[UL Report](#)

English