



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 3

Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

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

Sealable: **No**

Features

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 3.96 – 6.6 mm[.015 – .26 in] |
|--------------------------------------|------------------------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method   | Bag |

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Retention Type   | Threaded Coupling          |
| Thread Size             | 15/16-20 UNEF – 2A         |
| Polarization Code       | A                          |
| Mating Alignment Type   | Keyed                      |
| Mating Alignment        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Mating Retention        | With                       |
| Panel Mount Feature     | Without                    |

Housing Features



|                               |              |
|-------------------------------|--------------|
| Body Orientation              | Straight     |
| Housing Color                 | Black        |
| Housing Material              | Nylon 6/6 GF |
| Circular Connector Shell Size | 17           |

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Seal & Plug Type        | Interfacial  |
| 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  |

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 |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 213919-1  
CPC SEAL KIT,UNASSM,SZ 17-14



TE Part # 207299-3  
FLANGE PLUG MOUNT CPC



TE Part # 206044-1  
CPC PLUG ASSEMBLY SIZE 17-14



TE Part # 213904-4  
CPC CBL CLMP KIT,STD,SZ17,BULK



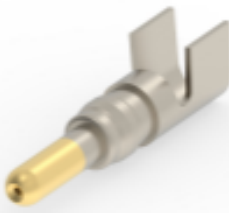
TE Part # 213889-2  
CPC RECPT SEALED,SIZE 17-3



TE Part # 213841-8  
PWRBAND PIN CNT ASSY,8-10,L.P.



TE Part # 213841-1  
POWERBAND CONT ASSY,SILVER PLT



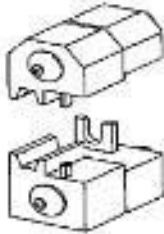
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PWRBAND PIN CNT ASSY,8-10,L.P.



TE Part # 213845-1  
POWERBAND CONT ASSY,SILVER PLT



TE Part # 213845-6  
PWRBND PIN ASY,GRD,14-12,STRIP



TE Part # 356612-1  
DIES POWERBAND CONT 14-12  
AWG DIE SET



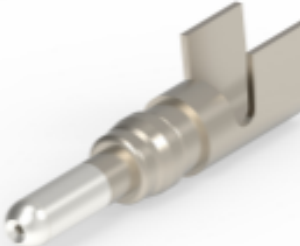
TE Part # 81665-2  
FLANGE GASKET CPC



TE Part # 213900-1  
CPC SEAL ASSY KIT,SRS 6,17-10



TE Part # 213847-1  
POWERBAND CONT ASSY,SILVER PLT



TE Part # 213841-2  
POWERBAND PIN CNT



TE Part # 213847-2  
POWERBAND SKT ASY,14-12,STRIP



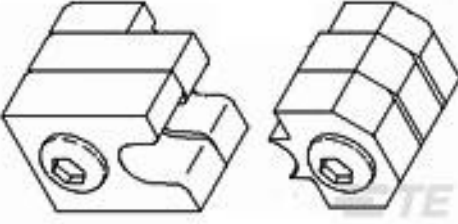
TE Part # 213845-4  
PWRBAND PIN ASY 14-12 L.P.



TE Part # 213810-1  
CPC COUPLING RING SIZE 17



TE Part # 213920-2  
CPC SEAL KIT,UNASSM,SZ 17-16



TE Part # 356611-1  
DIES POWERBAND CONT 8 AWG DIE  
SET

Also in the Series | [AMP CPC](#)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)

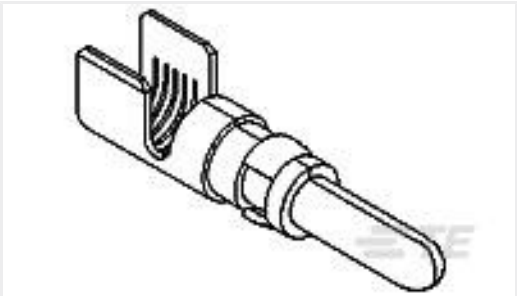


Insertion & Extraction Tools(1)

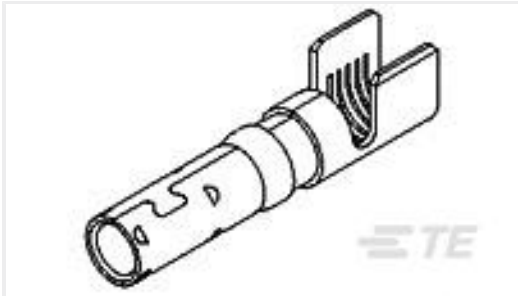


Power Contacts(6)

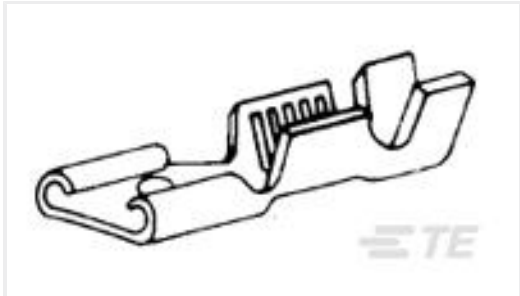
Customers Also Bought



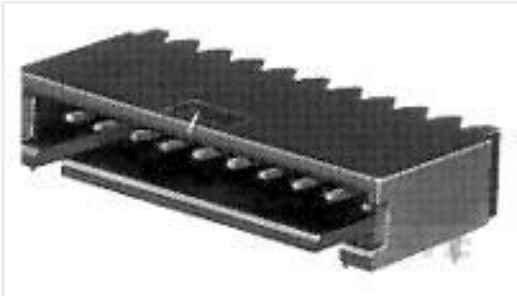
TE Part #213841-3  
POWERBAND CONT ASSY,SILVER PLT



TE Part #213847-1  
POWERBAND CONT ASSY,SILVER PLT



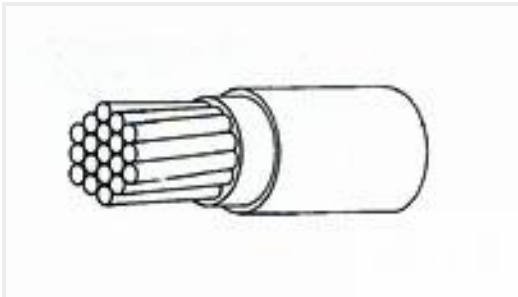
TE Part #63623-1  
RCPT AMVAR 250 FAST LIF 016BR



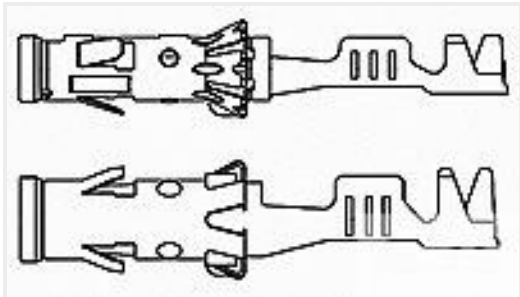
TE Part #5-103361-4  
06 MODII HDR SRRA SHRD LF



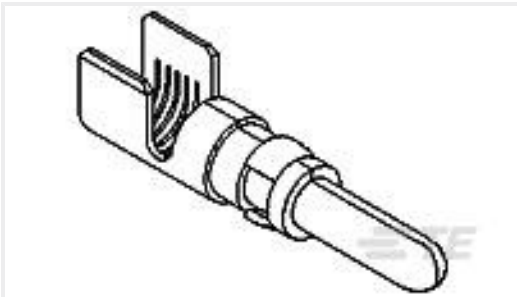
TE Part #1624025-3  
SC30-10-2533-10 47UH AMMO 1000



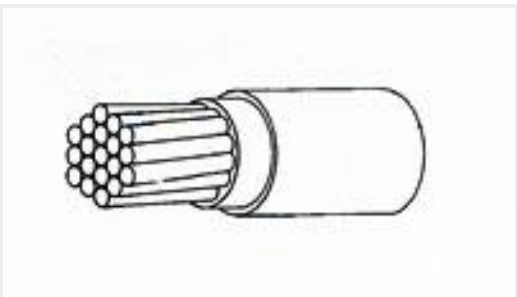
TE Part #218673-001  
22759/41-8-9



TE Part #929986-1  
1,5MM SOCK CONTACT



TE Part #213845-1  
POWERBAND CONT ASSY,SILVER PLT



TE Part #218447-001  
22759/41-12-9



TE Part #4-2176611-1  
EP 2W (SS) 47R 5%

Documents

Product Drawings

CPC PLUG ASSY,SERIES 5,SZ 17-3

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_213905-1\_F.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_213905-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213905-1\\_F.3d\\_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_213905-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_213905-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_213905-1\\_D.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

[CSA Certificate](#)

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