



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Silver (Ag)**  
Wire Contact Termination Area Plating Material: **Silver**  
Operating Voltage: **600 VDC**

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
| Sealable           | No       |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Contact Underplating Material                         | Nickel             |
| Contact Orientation                                   | Straight           |
| Mating Pin Diameter                                   | 3.18 mm[.125 in]   |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]    |
| Contact Mating Area Plating Material Thickness        | 5.08 µm[200 µin]   |
| Wire Contact Termination Area Plating Material Finish | Semi-Bright        |
| Contact Length                                        | 25.98 mm[1.023 in] |



|                                                 |                 |
|-------------------------------------------------|-----------------|
| Wire Contact Termination Area Plating Thickness | 1.27 µm[50 µin] |
| Barrel Type                                     | Open            |
| Contact Mating Area Plating Material Finish     | Semi-Bright     |
| Contact Type                                    | Socket          |
| Contact Mating Area Plating Material            | Silver (Ag)     |
| Wire Contact Termination Area Plating Material  | Silver          |
| Contact Retention Within Housing                | With            |
| Contact Size                                    | Size 8          |
| Contact Base Material                           | Copper          |
| Contact Current Rating (Max)                    | 50 A            |

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                                       |                |
|---------------------------------------|----------------|
| Wire Insulation Support               | Without        |
| Contact Retention Type Within Housing | Retention Clip |

Dimensions

|           |                       |
|-----------|-----------------------|
| Wire Size | 2 – 3 mm <sup>2</sup> |
|-----------|-----------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1500 |
| Packaging Method   | Reel |

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 |

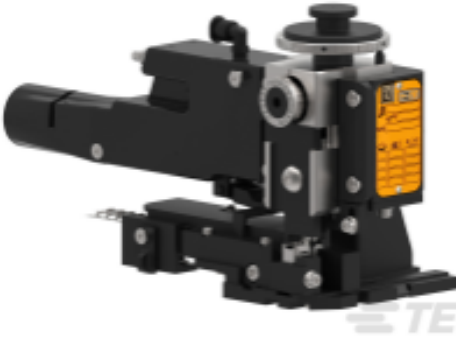
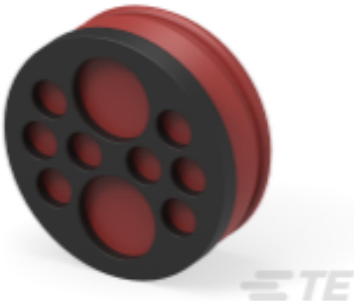


|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2024 (241)<br>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

|                                                                                                                                                 |                                                                                                                                               |                                                                                                                                                    |                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 206037-1<br/>CPC PLUG ASSEMBLY SIZE 17-16</p>  |  <p>TE Part # 206060-1<br/>CPC PLUG ASSEMBLY SIZE 11-4</p> |  <p>TE Part # 206305-1<br/>CPC PLUG ASSEMBLY SIZE 23-37</p>   |  <p>TE Part # 2836120-2<br/>OCEAN-2.0-APPLICATOR-S-130F-RSA</p> |
|  <p>TE Part # 213900-1<br/>CPC SEAL ASSY KIT,SRS 6,17-10</p> |  <p>TE Part # 211399-1<br/>CPC PLUG ASSEMBLY SIZE 13-7</p> |  <p>TE Part # 213905-1<br/>CPC PLUG ASSY,SERIES 5,SZ 17-3</p> |  <p>TE Part # 318813-1<br/>EXTRACTION TOOL ASSY</p>             |

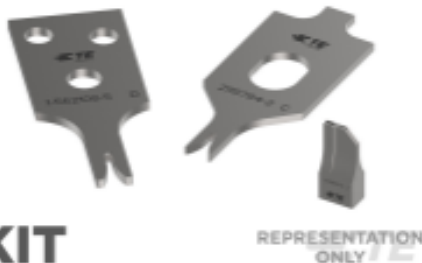




TE Part # 788188-2  
CPC 17-3 PLUG ASY,REV SEX



TE Part # 197889-1  
ANVIL HOLDER



TE Part # 7-2836120-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-130F



TE Part # 213906-1  
CPC PLUG ASSY,SRS 6,SZ 17-10



TE Part # 213899-1  
CPC SEAL ASSY KIT,SRS 5,17-3



TE Part # 206708-1  
CPC PLUG ASSEMBLY SIZE 13-9



TE Part # 206837-1  
CPC PLUG ASSEMBLY SIZE 23-24



TE Part # 206150-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206429-1  
CPC PLUG ASSY, 11-4, REV SEX



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



TE Part # 788188-1  
CPC 17-3 PLUG ASY,REV SEX

Also in the Series | AMP POWERBAND



Connector Contacts(18)



Insertion & Extraction Tools(1)



Power Contacts(18)

Also in the Series | Circular Plastic Connectors Series 5





Circular Power Connectors(10)



Connector Contacts(18)

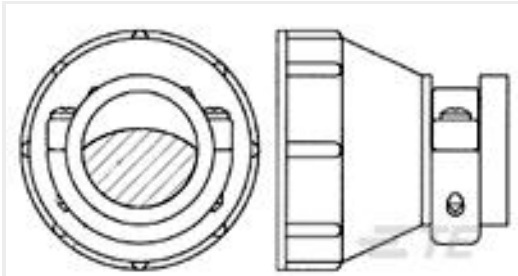


Power Contacts(18)

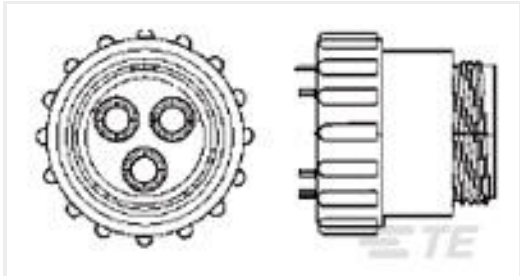
Customers Also Bought



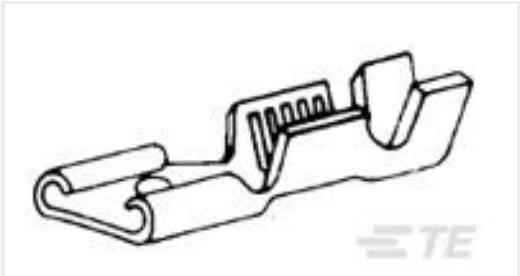
TE Part #213889-2  
CPC RECPT SEALED,SIZE 17-3



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



TE Part #213905-1  
CPC PLUG ASSY,SERIES 5,SZ 17-3



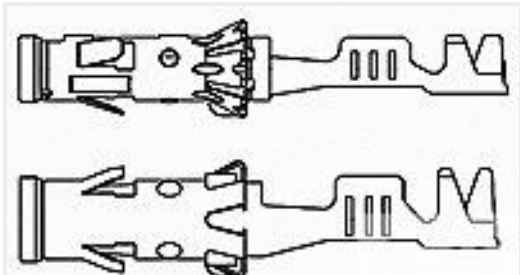
TE Part #63623-1  
RCPT AMVAR 250 FAST LIF 016BR



TE Part #213890-2  
CPC RECPT SEALED SIZE 17-3



TE Part #3-794679-2  
02P MICRO MNL ASSY,R/A,THRU,LF



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



TE Part #K1145355  
Rotary Switch DS-221-RT1



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



TE Part #5053192266  
RNF-100-1/2-BK-STK

Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_213847-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_213847-1\_B.3d\_stp.zip



English

Customer View Model

[ENG\\_CVM\\_213847-1\\_B.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_213847-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213847-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213847-1\\_G.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Power Contacts

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[METRIMATE\\_PIN\\_SOCKET\\_CATALOG](#)

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Product Specifications

[Application Specification](#)

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Agency Approvals

[Agency Approval Document](#)

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