



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Silver**

Wire Contact Termination Area Plating Material: **Silver**

Operating Voltage: **600 VDC**

## Features

### Product Type Features

Sealable	No
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### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Mating Pin Diameter	3.18 mm[.125 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Thickness	5 – 8 μm[5 – 8 μin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Mating Area Plating Material Thickness	5 – 8 μm[200 μin]
Contact Mating Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Silver
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
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### Dimensions

Wire Size	5 – 8 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### 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: 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

 <p>TE Part # 213905-1 CPC PLUG ASSY, SERIES 5, SZ 17-3</p>	 <p>TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37</p>	 <p>TE Part # 206150-1 CPC PLUG ASSEMBLY SIZE 23-37</p>	 <p>TE Part # 206429-1 CPC PLUG ASSY, 11-4, REV SEX</p>
 <p>TE Part # 211399-1 CPC PLUG ASSEMBLY SIZE 13-7</p>	 <p>TE Part # 788188-1 CPC 17-3 PLUG ASY, REV SEX</p>	 <p>TE Part # 206708-1 CPC PLUG ASSEMBLY SIZE 13-9</p>	 <p>TE Part # 206837-1 CPC PLUG ASSEMBLY SIZE 23-24</p>
 <p>TE Part # 206037-1 CPC PLUG ASSEMBLY SIZE 17-16</p>	 <p>TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4</p>	 <p>TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14</p>	 <p>TE Part # 213906-1 CPC PLUG ASSY, SRS 6, SZ 17-10</p>
 <p>TE Part # 213900-1 CPC SEAL ASSY KIT, SRS 6, 17-10</p>	 <p>TE Part # 788188-2 CPC 17-3 PLUG ASY, REV SEX</p>	 <p>TE Part # 318813-1 EXTRACTION TOOL ASSY</p>	 <p>TE Part # 213899-1 CPC SEAL ASSY KIT, SRS 5, 17-3</p>



TE Part # 2836124-2  
OCEAN\_2.0\_Applicator-S-180F-RSA

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2836124-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-180F

TE Part # 197889-1  
ANVIL HOLDER

TE Part # 2836124-1  
OBSOLETE OCEAN APPLICATOR

Also in the Series | **AMP POWERBAND**

Connector Contacts(20)

Insertion & Extraction Tools(1)

Customers Also Bought

TE Part #1625812-5  
3631B 220UH 10% FIO

TE Part #6-1624113-2  
3650 0805 0.56uH 5% 2K RL

TE Part #4-2176093-0  
RP 2A 0.25W 24K9 0.1% 25PPM 1K RL

TE Part #1676278-2  
RN 0805 28K 0.1% 10PPM 1KRL

TE Part #1-2176400-6  
3540 4R3 1%

TE Part #2176377-5  
RQ 0805 147K 0.1% 10PPM 1K RL

TE Part #1-2176381-7  
RQ 0805 18K2 0.1% 10PPM 5K RL

TE Part #5-1703282-1  
MQS0,63 Sn rec CB unseal. 0,5-0,75 2P

TE Part #621060-000  
D-142-56



## Documents

### Product Drawings

[POWERBAND CONT ASSY,SILVER PLT](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_213843-1\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213843-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213843-1\\_H.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

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

English

[Power Contacts](#)

English

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

English

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### Product Specifications

[Application Specification](#)

English