



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	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VDC
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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	30.3 mm[1.193 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	5 – 8 mm ²
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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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Industry Standards

UL Flammability Rating	UL 94V-0
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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

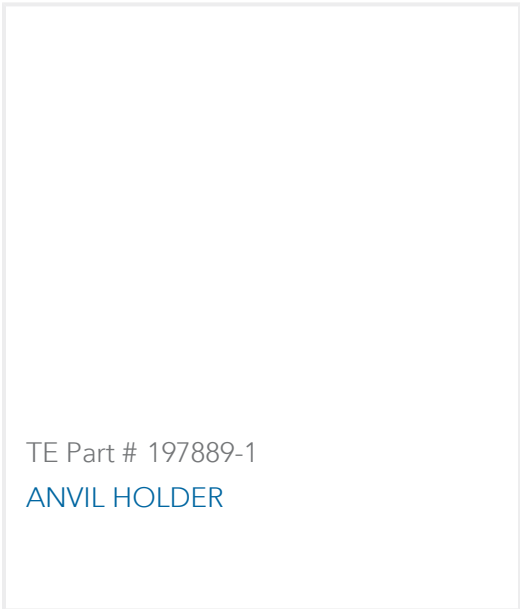


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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 # 197889-1 ANVIL HOLDER	 TE Part # 7-2836124-7 OCEAN_2.0_SPARE_PART_KIT-180F	 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 # 213900-1 CPC SEAL ASSY KIT,SRS 6,17-10	 TE Part # 211399-1 CPC PLUG ASSEMBLY SIZE 13-7	 TE Part # 213905-1 CPC PLUG ASSY,SERIES 5,SZ 17-3	 TE Part # 318813-1 EXTRACTION TOOL ASSY



 TE Part # 788188-2 CPC 17-3 PLUG ASY,REV SEX	 TE Part # 206037-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 2836124-2 OCEAN_2.0_Applicator-S-180F-RSA	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4
 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 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)
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Also in the Series | Circular Plastic Connectors Series 5



Circular Power Connectors(10)



Connector Contacts(18)



Power Contacts(18)

Customers Also Bought



TE Part #1-2186326-1
T200-POWER-SUPPLY



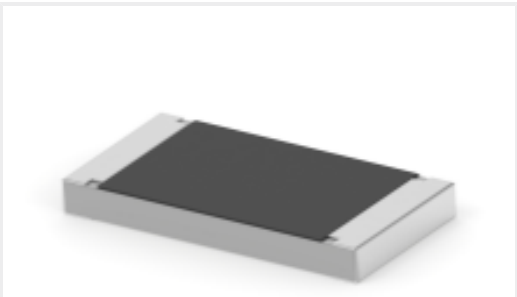
TE Part #2-1825058-5
ADE10S04=DIP SWITCH,EXT,SMT-GW



TE Part #31163
BUDGET RING 16-14 12



TE Part #1241150-5
5P MOD II BREAK AWAY HDR , SMD, BLISTER



TE Part #2176350-4
CRGCQ 2512 3R3 5%



TE Part #4-1624113-9
3650 0805 0.15uH 5% 2K RL



TE Part #788189-1
CPC 17-3 RCPT ASY,REV SEX



TE Part #2176093-8
RP 2A 0.25W 10K7 0.1% 25PPM 1K RL



TE Part #2176094-7
RP 2A 0.25W 133K 0.1% 25PPM 1K RL



TE Part #801129-SF
FN284-10-06

Documents

Product Drawings

POWERBAND CONT ASSY,SILVER PLT

English

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](#)

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Product Specifications

[Application Specification](#)

English