



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold Flash**
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

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 – 8 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	5 – 8 µm[5 – 8 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash



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 mm²
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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	100
Packaging Method	Carton

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: JAN 2025 (247) 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



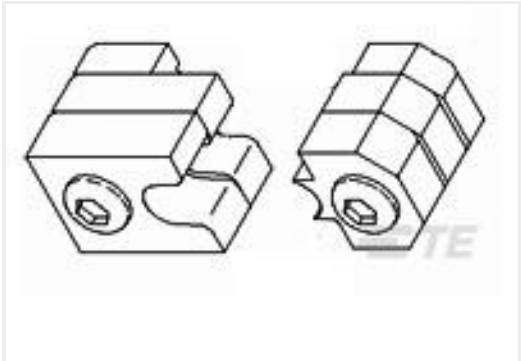
Product Compliance Disclaimer

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>

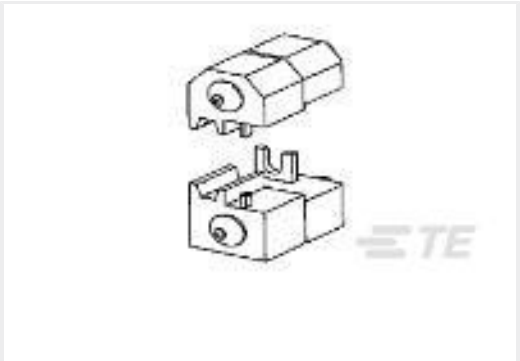
Compatible Parts



TE Part # 69710-1
C-HEAD FRAME W/O DIES



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



TE Part # 356611-2
DIES POWERBAND CONT 10 AWG DIE SET



TE Part # 318813-1
EXTRACTION TOOL ASSY

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)



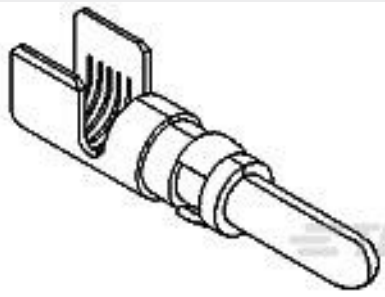
Connector Contacts(18)



Power Contacts(18)

Customers Also Bought

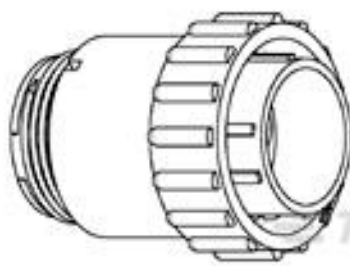




TE Part #213841-4
[PWRBAND PIN CNT ASSY,8-10,L.P.](#)



TE Part #208497-1
[CMC RECEPTACLE ASSY,SIZE 22](#)



TE Part #788188-1
[CPC 17-3 PLUG ASY,REV SEX](#)



TE Part #788189-1
[CPC 17-3 RCPT ASY,REV SEX](#)



TE Part #2-1609998-3
[KEV 42A 2S SP WYE BS 440VAC](#)



TE Part #ADP-SMAM-MMXF
[SMA Jack to MMCX Jack](#)



TE Part #202508-1
[CONTACT SOCKET ASSY.](#)



TE Part #208496-1
[CMC PLUG ASSEMBLY,SZ 22](#)



TE Part #CX6255-000
[RHW-56/16-1200/ADH-0](#)



TE Part #62090-1
[250 FASTON REC 14-10 AWG TPBR](#)

Documents

Product Drawings

[PWRBAND SKT CNT ASSY,8-10,L.P.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213843-4_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-4_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

Product Specifications

Application Specification

English