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Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **600 VDC**

[All POWERBAND Contacts \(20\)](#)

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[30 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket



Contact Mating Area Plating Material	Gold
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 318813-1
EXTRACTION TOOL ASSY

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

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

Also in the Series | AMP POWERBAND

Connector Contacts(20)

Insertion & Extraction Tools(1)

Customers Also Bought

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

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

TE Part # 206036-4
CPC RECPT SEALED SIZE 17-16

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



TE Part # 1415898-2
RTS3TA12

TE Part # 202508-1
CONTACT SOCKET ASSY.

TE Part # 1393030-7
SSR-240D25= PANEL MOUNT,25A, 240VAC-DC i/p

TE Part # 2470461-1
EXTRACTION TOOL

TE Part # 502750-1
KIT,COUPLING RECEPT,2.5BAY,SM

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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