213843-3 ✔ ACTIVE

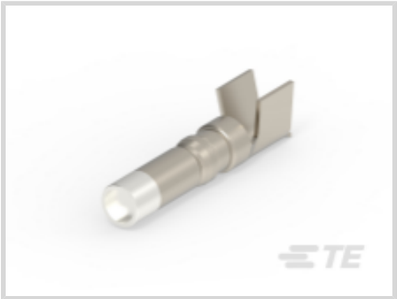
AMP | Circular Plastic Connectors Series 5, AMP POWERBAND

TE Internal #: 213843-3

Silver (Ag), Socket Contact, 10 – 8 AWG, 600 VAC, 600 VDC, 5 – 8 mm² Wire, Size 8, Crimp, Copper, Power, -55 – 105 °C [-67 – 221 °F], AMP POWERBAND

View on TE.com >

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

Sealable	No

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

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
Mating Pin Diameter	3.18 mm[.125 in]
Contact Mating Area Plating Material Thickness	5 – 8 µm[200 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	5 – 8 µm[5 – 8 µin]

Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	5 – 8 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	100
Packaging Method	Carton

Product Compliance

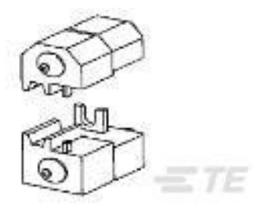
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

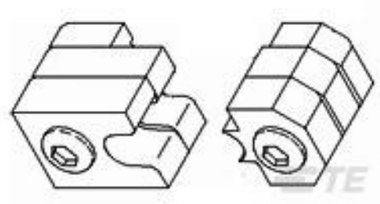
Product Compliance Disclaimer

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 # 356611-2
DIES POWERBAND CONT 10 AWG DIE SET



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

TE Part # 318813-1
EXTRACTION TOOL ASSY

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

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

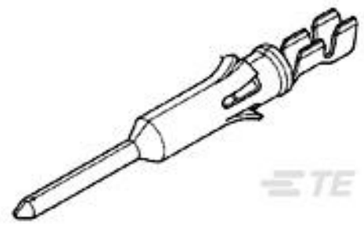
Circular Power Connectors(10)

Connector Contacts(18)

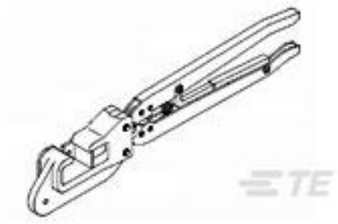
Power Contacts(18)

Customers Also Bought

TE Part #34119
TERMINAL,SOLIS R 16-14 4



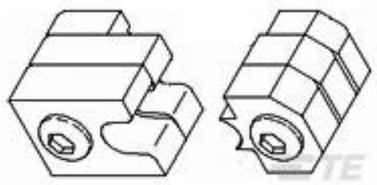
TE Part #66593-4
TYPE VI PIN,MULTI-MATE,L.P.



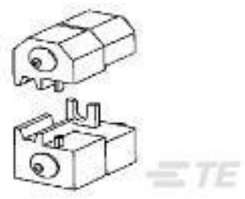
TE Part #69710-1
C-HEAD FRAME W/O DIES

TE Part #202508-1
CONTACT SOCKET ASSY.

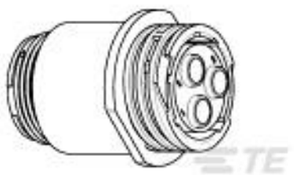
TE Part #322455
TERMINAL,SOLIS R 12-10 10



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

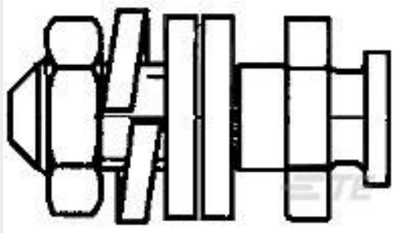


TE Part #356611-2
DIES POWERBAND CONT 10 AWG DIE SET



TE Part #796112-1
CPC 17-3 RCPT ASY,REV SEX

TE Part #3-1393237-3
RTE24024F



TE Part #5206514-6
SLIDING LOCK POST KIT

Documents

Product Drawings

POWERBAND CONT ASSY,SILVER PLT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213843-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213843-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213843-3_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