213841-8 ✔ ACTIVE

AMP | AMP POWERBAND, Circular Plastic Connectors Series 5

TE Internal #: 213841-8

Gold (Au), Pin 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: **Pin**

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

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Type	Pin
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
Mating Pin Diameter	3.18 mm[.125 in]
Contact Mating Area Plating Material Thickness	5 – 8 µm[30 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>

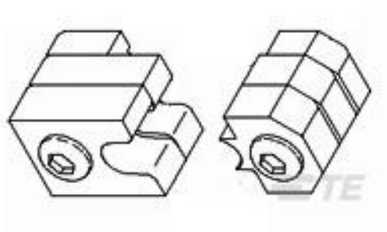
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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

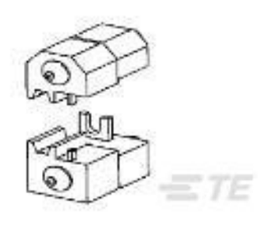
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 197889-1
ANVIL HOLDER



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



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



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 # 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



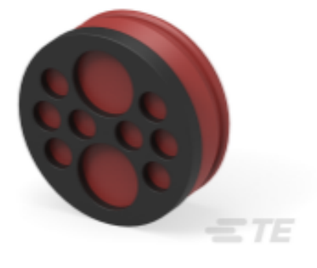
TE Part # 318813-1
EXTRACTION TOOL ASSY



TE Part # 211399-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part # 213905-1
CPC PLUG ASSY,SERIES 5,SZ 17-3



TE Part # 213900-1
CPC SEAL ASSY KIT,SRS 6,17-10



TE Part # 788188-2
CPC 17-3 PLUG ASY,REV SEX



TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206060-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 206037-1
CPC PLUG ASSEMBLY SIZE 17-16



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)

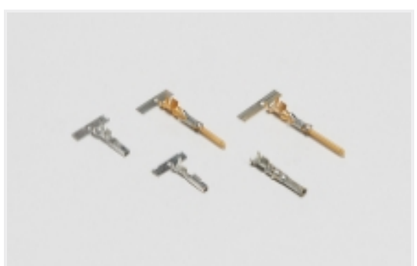
Also in the Series | Circular Plastic Connectors Series 5



Circular Power Connectors(10)



Connector Contacts(18)



Power Contacts(18)

Customers Also Bought



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #213571-2
CPC PLUG KIT 20-14 W/O CBL CL



TE Part #1217558-2
250 FASTON,TAB,TPBR



TE Part #1-1393210-8
T9AS1D12-24

Documents

Product Drawings

PWRBAND PIN CNT ASSY,8-10,L.P.

English

CAD Files

Customer View Model

ENG_CVM_CVM_213841-8_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213841-8_F.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_213841-8_F.2d_dxf.zip

English

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_213841-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_213841-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_213841-8_B.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

Agency Approvals

Agency Approval Document

English