



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Wire**

Number of Positions: **3**

Sealable: **No**

Features

Product Type Features

Connector Seal & Plug Type	Interface Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	3
Number of Power Positions	3
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon 6/6 GF
Circular Connector Shell Size	17

Dimensions

Compatible Insulation Diameter Range	3.96 – 6.6 mm[.015 – .26 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Power
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag



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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 213841-4
PWRBAND PIN CNT ASSY,8-10,L.P.



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



TE Part # 213919-1
CPC SEAL KIT,UNASSM,SZ 17-14



TE Part # 213841-8
PWRBAND PIN CNT ASSY,8-10,L.P.



TE Part # 213889-2
CPC RECPT SEALED,SIZE 17-3



TE Part # 213904-4
CPC CBL CLMP KIT,STD,SZ17,BULK



TE Part # 206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part # 213841-1
POWERBAND CONT ASSY,SILVER PLT



TE Part # 213845-1
POWERBAND CONT ASSY,SILVER PLT



TE Part # 213845-6
PWRBND PIN ASY,GRD,14-12,STRIP



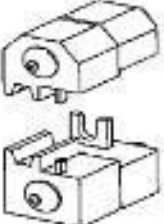
TE Part # 213847-2
POWERBAND SKT ASY,14-12,STRIP



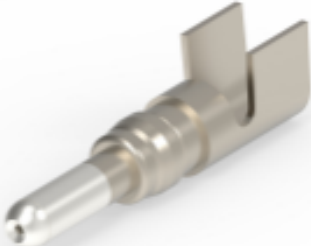
TE Part # 213920-2
CPC SEAL KIT,UNASSM,SZ 17-16



TE Part # 213845-4
PWRBAND PIN ASY 14-12 L.P.



TE Part # 356612-1
DIES POWERBAND CONT 14-12
AWG DIE SET



TE Part # 213841-2
POWERBAND PIN CNT



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



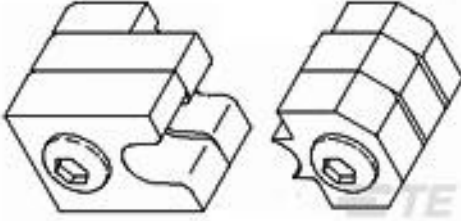
TE Part # 213847-1
POWERBAND CONT ASSY,SILVER PLT



TE Part # 213810-1
CPC COUPLING RING SIZE 17



TE Part # 81665-2
FLANGE GASKET CPC



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

Also in the Series | AMP Circular Plastic Connectors



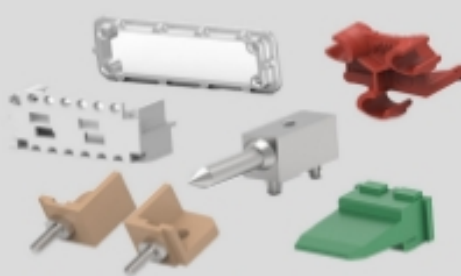
Circular Connector Backshells &
Clamps(1)



Circular Power Connectors(10)



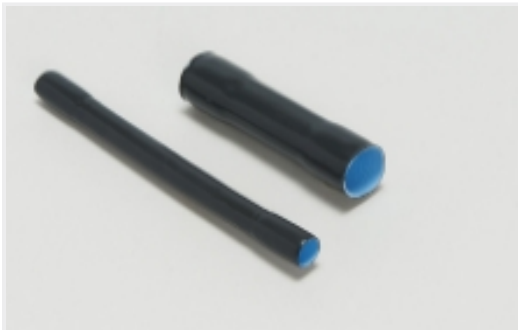
Connector Contacts(18)



Connector Hardware(10)



Power Contacts(18)



Sealing Sleeves(2)

Also in the Series

Circular Plastic Connectors Series 5



Circular Power Connectors(10)



Connector Contacts(18)



Power Contacts(18)

Customers Also Bought



TE Part #11032035-00
DT1-028K W/TH LEADS/RIVET



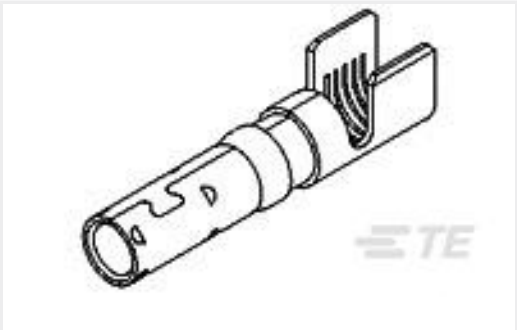
TE Part #54011-1
CPC STRAIN RELIEF,SIZE 17



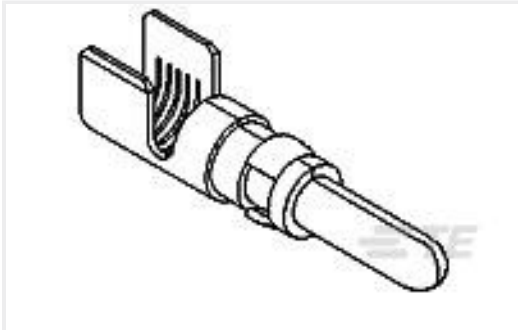
TE Part #5-103944-2
5X3 MTE SHRD PIN SR POL .100



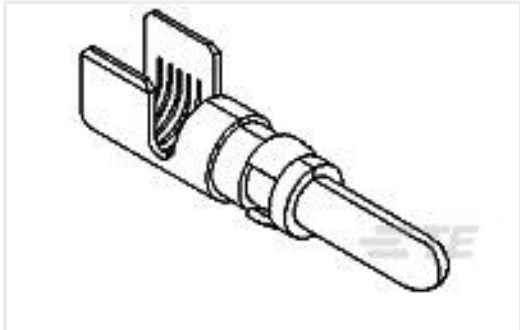
TE Part #5-103956-2
8X3 MTE RCPT SR LATCH .100CL



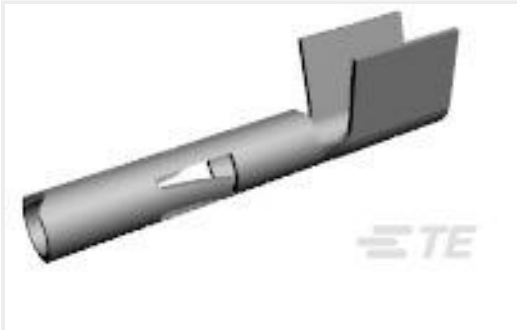
TE Part #213843-2
POWERBAND SKT ASY,8-10,STRIP



TE Part #213845-1
POWERBAND CONT ASSY,SILVER PLT



TE Part #213845-4
PWRBAND PIN ASY 14-12 L.P.



TE Part #640310-3
UMNL SOK 12-10 PTPPHBZ



TE Part #3-640428-3
03P MTA156 CONN ASSY 22AWG RED



TE Part #1-6609104-5
PE0SXSSX0=C1162



Documents

Product Drawings

CPC PLUG ASSY,SERIES 5,SZ 17-3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213905-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213905-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213905-1_F.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_213905-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_213905-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_213905-1_D.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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English

CSA Certificate

213905-1

3 Position Circular Power Connector, Housing, 250 VDC, Wire-to-Wire, Wire & Cable, Plug, Reverse Gender, Pin, Power, AMP Circular Plastic Connectors



English