



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 3

Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

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

Sealable: **Yes**

Features

Product Type Features

Connector Seal & Plug Type	Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
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
Mating Retention	With
Panel Mount Feature	Without

Housing Features

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

Dimensions

Compatible Insulation Diameter Range	2.41 – 5.21 mm[.095 – .205 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	24
Packaging Method	Tray

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	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 # 213845-5
POWERBAND CONT ASSY, SILVER PLT

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

TE Part # 213919-2
CPC SEAL KIT, UNASSM, SZ 17-14

TE Part # 213899-1
CPC SEAL ASSY KIT, SRS 5, 17-3

TE Part # 3-2407269-3
CAP, CPC, SIZE 17 PLUG, RED

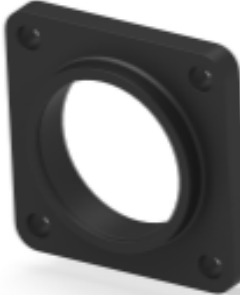
TE Part # 3-2407269-1
CAP, CPC, SIZE 17 PLUG, ORANGE

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

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



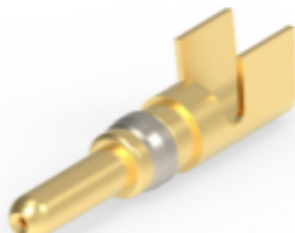
TE Part # 213919-1
CPC SEAL KIT,UNASSM,SZ 17-14



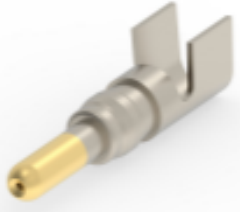
TE Part # 207299-3
FLANGE PLUG MOUNT CPC



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



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



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



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



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



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



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



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



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



TE Part # 213810-1
CPC COUPLING RING SIZE 17

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(10)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Hardware(10)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 5



Circular Power Connectors(10)

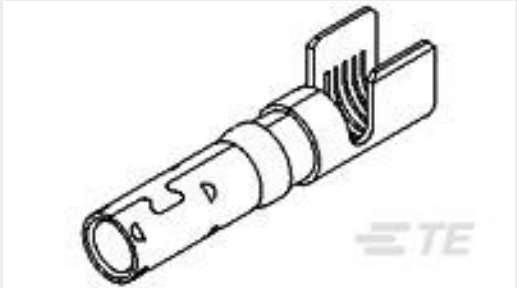


Connector Contacts(18)

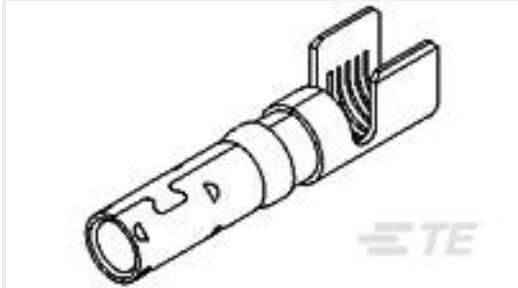


Power Contacts(18)

Customers Also Bought



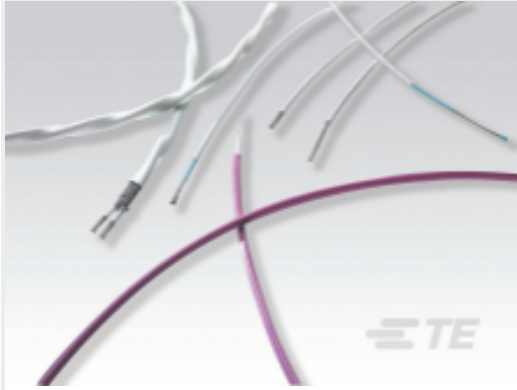
TE Part #213843-1
POWERBAND CONT ASSY,SILVER PLT



TE Part #213843-3
POWERBAND CONT ASSY,SILVER PLT



TE Part #796207-1
SLD CPC RCPT ASSY,23-16,STD SX



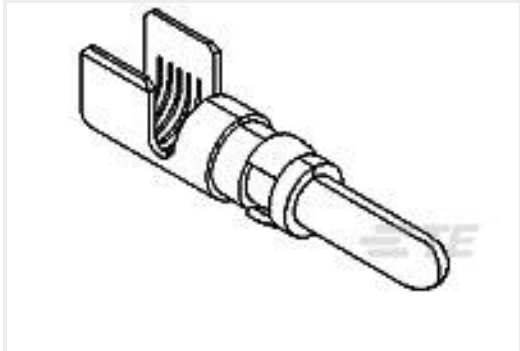
TE Part #CAT-AS22759-32
SAE AS22759: 32/33/44/45/46 - Single-Wall, Lightweight Wire



TE Part #4-1609134-8
20ESRMC2=F8278



TE Part #8-1393254-7
W92-X113-20=M6/M7/M9/W6/W7



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



TE Part #5225555-6
TNC PLUG DUAL W/P TR



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

Documents

Product Drawings

CPC 17-3 PLUG ASY,REV SEX

English

CAD Files

Customer View Model

ENG_CVM_788188-1_C.3d_igs.zip

English

Customer View Model



[ENG_CVM_788188-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_788188-1_C.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_788188-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_788188-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_788188-1_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Product Specification](#)

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Agency Approvals

[UL Report](#)

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