



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

Dimensions

Compatible Insulation Diameter Range	2.41 – 5.21 mm[.095 – .205 in]
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Packaging Features

Packaging Quantity	24
Packaging Method	Tray

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
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Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	17

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

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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Other

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EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

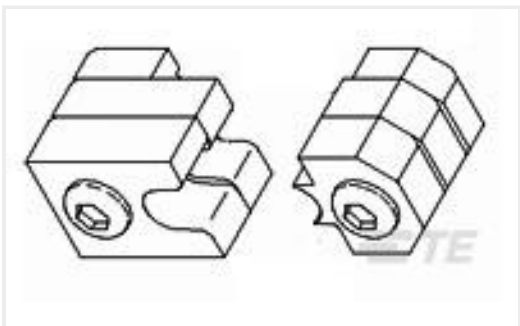
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

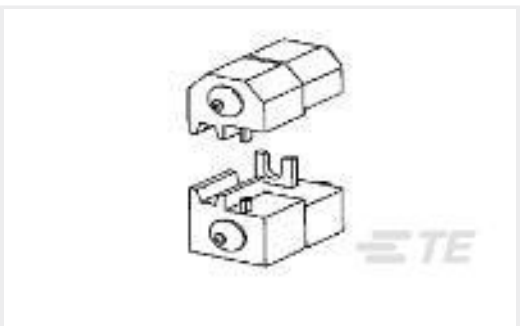
Compatible Parts



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



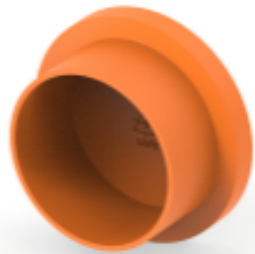
TE Part # 213845-5
POWERBAND CONT ASSY,SILVER PLT



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



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



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



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



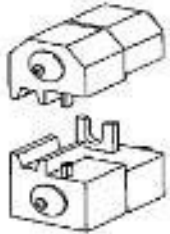
TE Part # 213919-2
CPC SEAL KIT,UNASSM,SZ 17-14



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



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



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



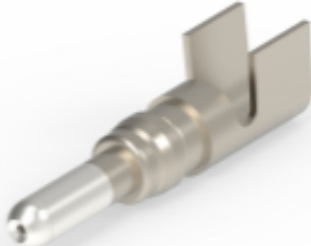
TE Part # 81665-2
FLANGE GASKET CPC



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



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



TE Part # 213841-2
POWERBAND PIN CNT



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



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



TE Part # 213810-1
CPC COUPLING RING SIZE 17



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



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



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

Also in the Series | AMP CPC



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)

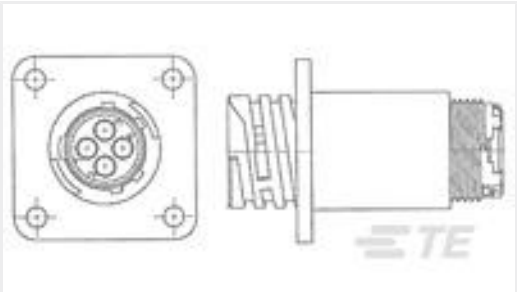


Insertion & Extraction Tools(1)

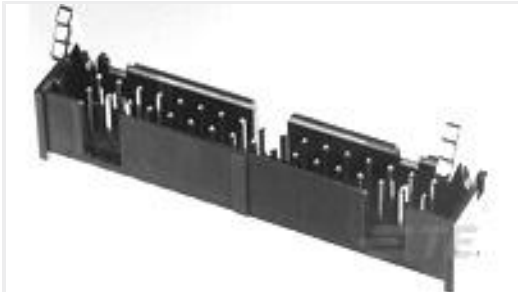


Power Contacts(6)

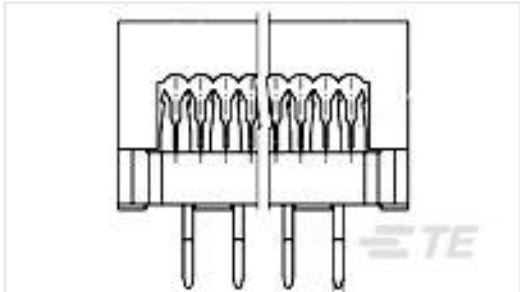
Customers Also Bought



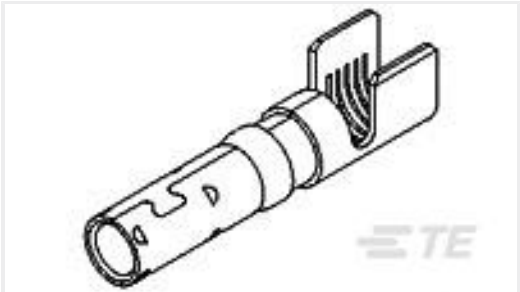
TE Part #796275-1
SLD CPC RCPT ASSY,17-16,STD SX



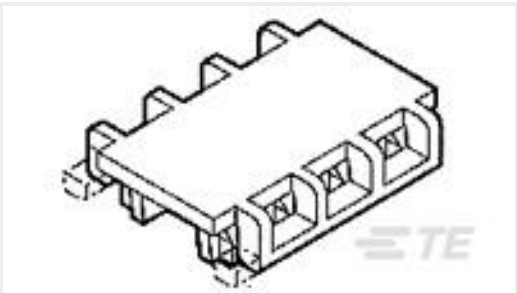
TE Part #1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



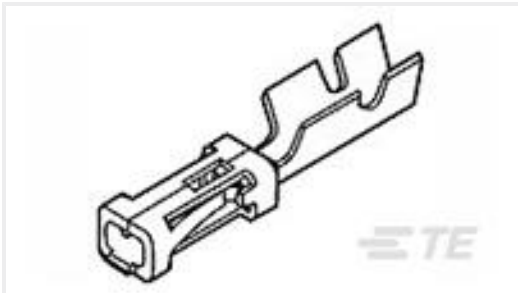
TE Part #5746613-3
16 DIP PLUG CONN-W/COVER



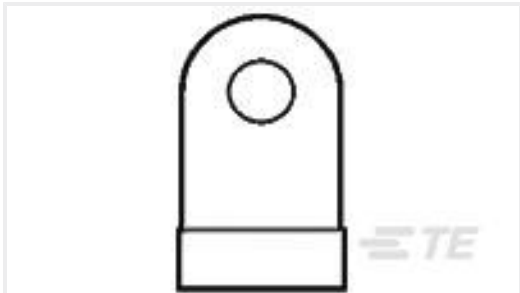
TE Part #213847-1
POWERBAND CONT ASSY,SILVER PLT



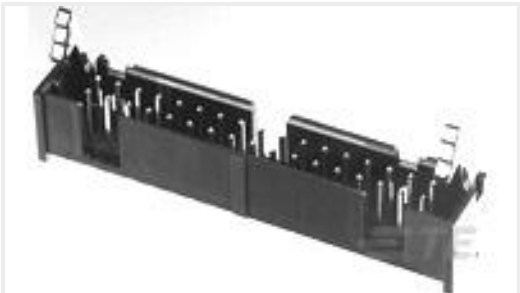
TE Part #1-643071-2
12P MTA156 FD-THRU COVER



TE Part #86016-1
MOD IV RECP LP



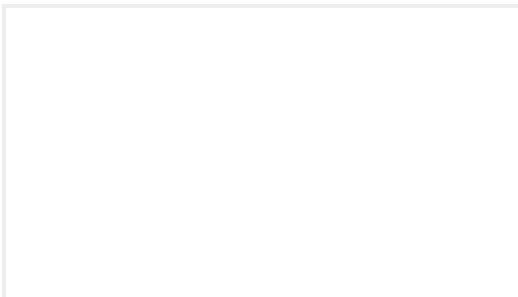
TE Part #321259
TERMINAL,SOLIS FLAG R 4/0 1/2



TE Part #104313-7
040 LOPRO HDR SP 30DP LATCH



TE Part #3-1768017-5
EET-0538P-4



TE Part #4-1618414-3
LEV100H5CNG03=CONTACTOR WITH AUX

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](#)

English

Agency Approvals

[UL Report](#)

English