



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Length	27.61 mm[1.087 in]



Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Closed
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Spring

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.67 mm[.08 – .105 in]
Wire Size	.8 – 1.4 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	950
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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)
SVHC > Threshold:
Pb (2.5% in 3440316)
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

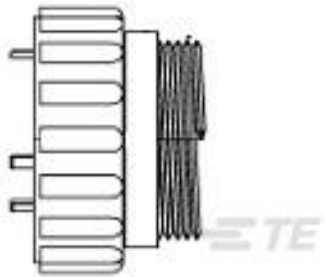
Solder Process Capability

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 # 208488-3 CMC PLUG ASSEMBLY, SZ 22	 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19
 TE Part # 208714-2 CMC PLUG ASSEMBLY, SZ 14-7	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 208720-1
PLUG ASSY,SZ 14,CMC



TE Part # 208470-3
CMC PLUG ASSEMBLY,SZ 28



TE Part # 1977887-1
PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS



TE Part # 788153-2
SLD CPC PLUG ASSY,11-4,REV SEX



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 91539-1
CCII TYPE II SKT 22-14 2x18 ASSY



TE Part # 1977878-1
SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 206516-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 208716-1
CMC PLUG ASSEMBLY,SZ 14

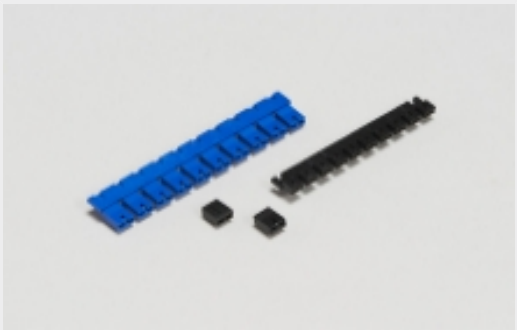


TE Part # 213853-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 1-601967-6
POSITIONER TYPE II CONTACTS

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



Connector Contacts(51)



Connector Hardware(47)



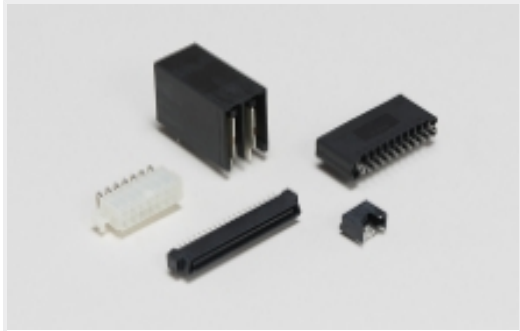
Power Contacts(51)



Rectangular Connector Housings(77)



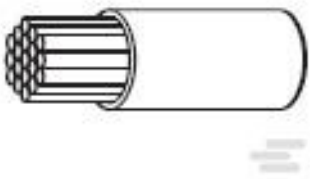
Rectangular Power Connectors(82)



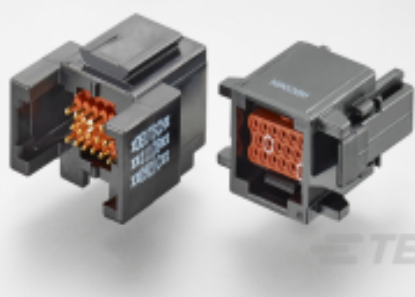
Standard Rectangular Connectors(81)

Customers Also Bought





TE Part #568905-000
FLHTC0311-18-9



TE Part #ABC03N-20P
IN-LINE RECP

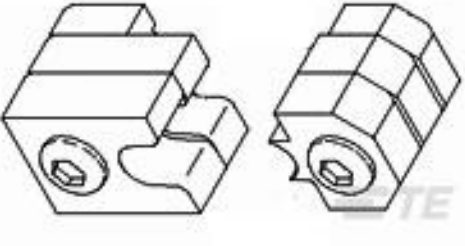


TE Part #C91325-000
MP-254127-10-8A

TE Part #POE-24I
POE,Inj,24V,19W



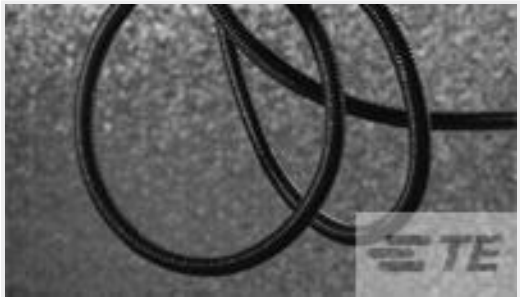
TE Part #1-1617795-0
FCA-150-BY4=Relay



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



TE Part #66587-2
TYPE VI PIN,MULTI-MATE,L.P. SET



TE Part #6790994004
HCTE-0187-0-SP

TE Part #1-1617354-1
SF5357W02=SF5000 SENSITIVE FUL

TE Part #1617063-1
D601233 = 0200-J RELAY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_202507-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_202507-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_202507-1_J.3d_stp.zip

English

Customer View Model

ENG_CVM_202507-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_202507-1_F.3d_stp.zip

English



Customer View Model

[ENG_CVM_202507-1_F.2d_dxf.zip](#)

English

[3D PDF](#)

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

[Signal Contacts](#)

English

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English