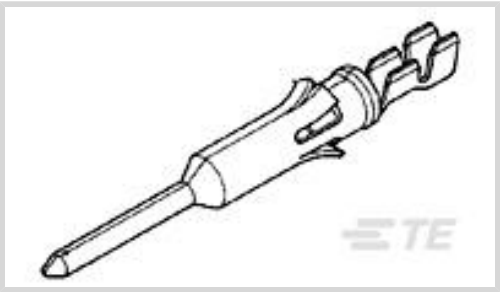




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **250 VDC**
Contact Mating Area Plating Material: **Gold**
Wire Size: **18 – 16 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Test Current	13 A
Operating Voltage	250 VDC

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.8 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]



Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
Wire Insulation Support	With

Dimensions

Wire Size	.8 – 1.4 mm ²
Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Carton
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Other

Wire/Cable Type	Discrete Wire
For Use With	G Series Connectors
Comment	Wire strip length-- 3.96 [.156] for all wire sizes.

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 2022 (223)
Candidate List Declared Against: JAN 2022 (223)
Does not contain REACH SVHC

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 # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

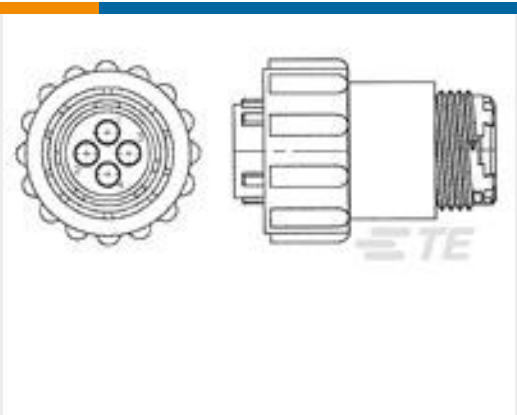
TE Part # 91523-3
CCII TYPE III+ PIN SKT 24-16 HEAD

Also in the Series | AMP Type IV

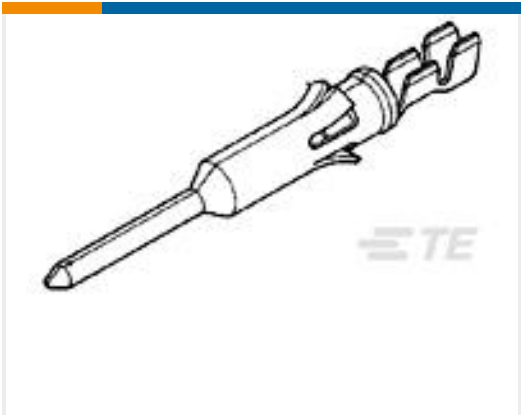
Power Contacts(52)

Customers Also Bought





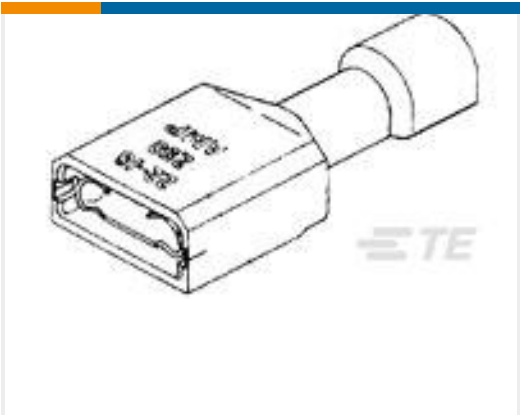
TE Part #796274-1
SLD CPC PLUG ASSY,17-16,STD SX



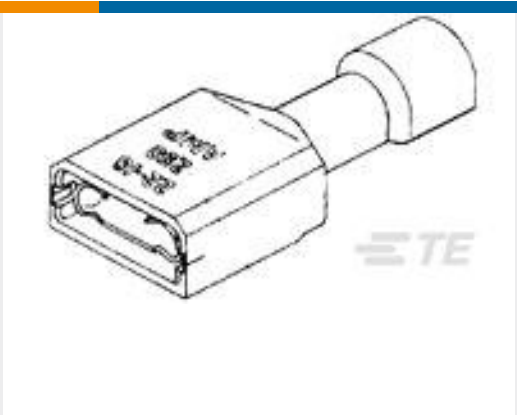
TE Part #66593-4
TYPE VI PIN,MULTI-MATE,L.P.



TE Part #M902-2161
DEUTSCH HD10 BACKSHELLS



TE Part #2-520183-4
ULTRA-FAST 250 ASY REC 22-18 TPPB



TE Part #2-520275-2
ULTRAFAST 187 ASSY REC 22-18
TPBR LP



TE Part #2151361-1
OCEAN-2.0-APPLICATOR-S-099F140F



TE Part #2151649-1
OCEAN-2.0-APPLICATOR-S-080F100OV



TE Part #2266103-1
OCEAN-2.0-APPLICATOR-S-090F080O



TE Part #7-2151361-7
OCEAN_2.0_SPARE_PART_KIT-099F140F

Documents

Product Drawings

TYPE VI PIN,MULTI-MATE,L.P.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66589-4_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66589-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66589-4_K.3d_stp.zip

English

Customer View Model

ENG_CVM_66589-4_F.3d_igs.zip

English



Customer View Model

[ENG_CVM_66589-4_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66589-4_F.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English