



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Operating Voltage: **250 VDC**

Features

Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Method	Strip
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Dimensions

Compatible Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Wire Size	.3 – .9 mm²

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.625 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright



Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	1.8 A

Electrical Characteristics

Operating Voltage	250 VDC
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Product Type Features

Sealable	No
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Termination Features

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

Usage Conditions

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

Circuit Application	Power
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Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) 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 # 66581-4
TYPE VI PIN, MULTI-MATE

TE Part # 2844982-1
CCII TYPE VI MLTIMATE PIN/SKT 22-18 ASSY

Also in the Series | AMP Type IV

Connector Contacts(47)

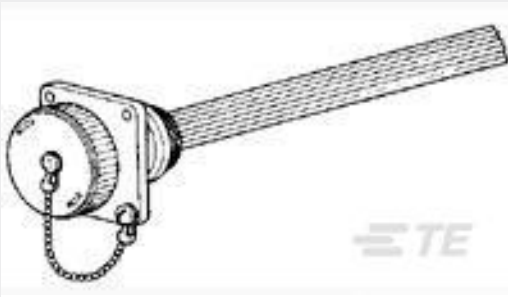
Customers Also Bought



TE Part #6609007-3
20EEJ1=F7892A S0



TE Part #DT04-12PA-BE04
REC, 12P, BLK, E, ENH KEY, CAP, A



TE Part #207445-3
SEALING CAP ASSY, 17,CPC ROHS Compliant



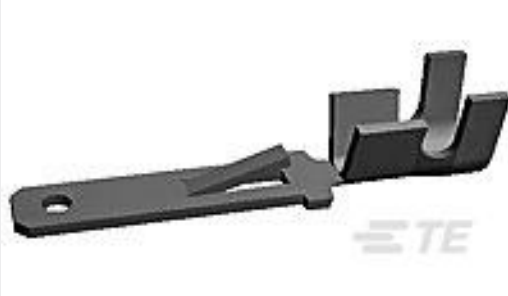
TE Part #66101-3
III+ SKT,18-16,15AU/FL,LP



TE Part #643585-2
06P UMNL STR/REL NATL



TE Part #66105-1
III+ SKT,24-20,30AU>10,LP



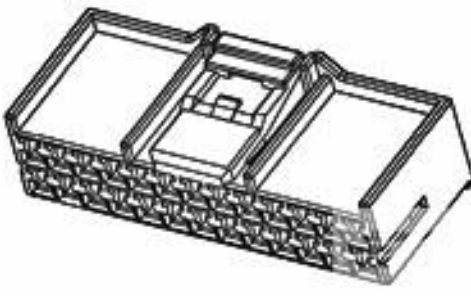
TE Part #160450-2
FF 250 TAB 18-14AWG TPPB



TE Part #195494-000
MWTM-50/16-1500/S(S10)



TE Part #5500102028
SCL-1/8-0-STK



TE Part #936201-1
090III 16P PLUG ASSY

Documents

Product Drawings

TYPE VI SOCKET,MULTI-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66582-4_AJ.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66582-4_AJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66582-4_AJ.3d_stp.zip

English

Customer View Model

ENG_CVM_66582-4_D.3d_igs.zip

English



Customer View Model

[ENG_CVM_66582-4_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66582-4_D.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

Instruction Sheets

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

Japanese

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

English