



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Nickel**

Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	Without
Contact Size	Size 8
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	75 A
Contact Mating Area Plating Material Thickness	6 – 10 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.06 µm[40 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	10382 – 16507 CMA
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	250
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1766192-1
CONTACT,PIN,#8

Customers Also Bought

TE Part #66098-8
III+ PIN,18-16,15AU/FL,STRIP

TE Part #66102-1
III+ PIN,24-20,30AU>10,STRIP

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

TE Part #208497-1
CMC RECEPTACLE ASSY,SIZE 22

TE Part #745254-2
20DF PIN CONTACT,PLATED

TE Part #1445522-3
REC,8-2,FRE HNG,LG INS,STD KEY

TE Part #1658643-1
HDP-20,RCPT,SIZE 1, 9 POSN,CLI

TE Part #2-5745174-7
CABLE CLAMP KIT,SZ 4

TE Part #5745175-3
CABLE CLAMP KIT,SZ 5

TE Part #5745175-6
CABLE CLAMP KIT,SZ 5



Documents

Product Drawings

702-0107-01108=SA CONTACT,SKT

English

CAD Files

Customer View Model

ENG_CVM_CVM_1648295-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1648295-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1648295-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English