



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

Contact Retention Within Housing: **With**

Wire Size: **12 AWG**

Product Terminates To: **Printed Circuit Board**

Features

Contact Features

PCB Contact Termination Area Plating Material Thickness	.25 µm[10 µin]
Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1 µm[40 µin]
Wire Contact Termination Area Plating Thickness	.58 µm[20 µin]
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.58 µm[20 µin]
Contact Type	Socket
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Current Rating (Max)	250 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	12 AWG
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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 Method	Package
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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 (.6% in 74020097) <b>Article Safe Usage Statements:</b> 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 # 1648387-1

708-77-01109=SA CONTACT,SKT

Customers Also Bought



TE Part #CAT-AM71-CH8172

AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2

SINGLE WIRE SEAL



TE Part #114017-ZZ

SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273

DEUTSCH Solid Contacts



TE Part #CAT-D487-W416

Wedgelocks: DEUTSCH DT



TE Part #DT06-2S

PLG, 2P, GRY, N



TE Part #DT04-2P

REC, 2P, GRY, N

Documents

Product Drawings

708-0134-01109=SA CONTACT,SKT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1648360-1\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1648360-1\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1648360-1\_D.3d\_stp.zip

1648360-1

Socket Contact, 12 AWG, Power, -40 – 105 °C [-40 – 221 °F]



English

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

Product Specifications

Application Specification

English