

6651903-1 ACTIVE

TE Internal #: 6651903-1

Socket Contact, 250 VAC, 250 VDC, Gold Flash, Size 8, Copper Alloy, Power, -40 – 105 °C [-40 – 221 °F]

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Gold Flash**Operating Voltage: **250 VDC**Contact Retention Within Housing: **With**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	Size 8
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	75 A
Mating Pin Diameter	3.6 mm [.142 in]
Contact Mating Area Plating Material Thickness	.254 µm [10 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm [50 µin]

Termination Features

Product Terminates To

Busbar

Mechanical Attachment

Wire Insulation Support

Without

Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Operation/Application

Circuit Application

Power

Packaging Features

Packaging Quantity

250

Packaging Method

Bag

Product ComplianceFor 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 2025
(247)Candidate List Declared Against: JAN 2025
(247)

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

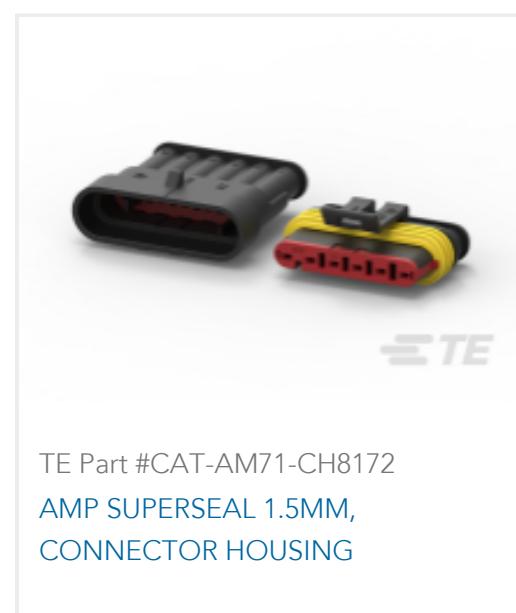
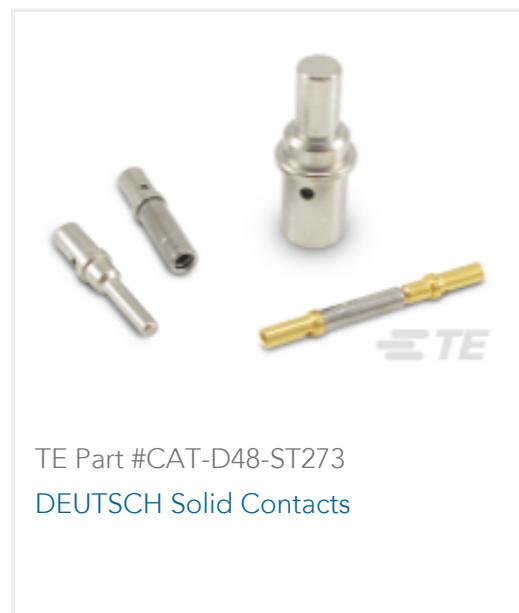
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

HEAVY DUTY CONNECTOR CONTACTS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6651903-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6651903-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6651903-1_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English