



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

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

Contact Retention Within Housing: **Without**

Wire Size: **10 – 8 AWG**

Features

Product Type Features

Sealable	No
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	3.6 mm[.142 in]
Contact Underplating Material Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Thickness	.05 µm[1.96 µin]
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	75 A

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	5.261 – 8.366 mm²
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Bag
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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	Not Compliant
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: Cd (.2% in 3428664) Pb (.12% in 3428664) <b>Article Safe Usage Statements:</b> Use personal protective equipment as required. 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 # 6648317-1

CONTACT,SOCKET,SIZE #8

Customers Also Bought



TE Part #9-1625984-4

HSA50 R18 5%



TE Part #1650540-1

703-25-02205=CROWN CONTACT,#8



TE Part #193991-4

PIN ASSY. TPE XII



TE Part #2-2176377-7

RQ 0805 249K 0.1% 10PPM 1K RL



TE Part #6648235-1

CROWN,SKT,#4




TE Part #GA10K3MBD1

MBD PROBE, 10K @25C, 0.2 FROM 0 TO 70



TE Part #6648224-1

PIN CONTACT#4, SCREW MT, PRESS FIT



TE Part #6489930-8

CONN ASSY HIGH CUR CARD EDGE



TE Part #683129-000

FLHTC0311-18-0

TE Part #6651428-1

CONN,SKT,RT<,SLDR,FLATPAQ

Documents

Product Drawings



711-0104-02109=CONTACT,PIN,#8

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1651904-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1651904-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1651904-1\_C.3d\_stp.zip

English

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Product Specifications

Application Specification

English