

TE Internal #: 1651904-1

Pin Contact, Gold (Au), 10 – 8 AWG, 5.261 – 8.366 mm² Wire,

Crimp, Copper Alloy, Power, -65 – 105 °C [-85 – 221 °F]

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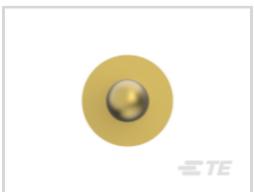
Connectors > Contacts > Connector Contacts











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
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
Dimensions	
Wire Size	5.261 – 8.366 mm ²
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Power
Packaging Features	
Packaging Method	Bag

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) Article Safe Usage Statements: 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



Customers Also Bought





















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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English