



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.12 – .4 mm²**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Shape & Form	Square
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 – 76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Orientation	Right Angle
Contact Underplating Material	Tin
Contact Size	20

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.12 – .4 mm ²
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1000

Other

For Use With	.100 [2.54] Centerline
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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



Documents

Product Drawings

[BX CONT CRIMP SNAP PIN L.P.](#)

English

CAD Files

Customer View Model

[ENG_CVM_530750-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_530750-5_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_530750-5_C.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Product Specifications

[Application Specification](#)

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Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Hand Crimping Tool 90346-1](#)

English