



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **48 VDC**

Contact Mating Area Plating Material: **Silver**

Connector System: **Bus Bar-to-Wire**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Bus Bar-to-Wire
Sealable	No
Connector & Contact Terminates To	Bus Bar

Electrical Characteristics

Operating Voltage	48 VDC
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Contact Features

Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	110 A
Contact Type	Pin
Mating Pin Diameter	6.35 mm[.25 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	2.54 – 5.08 μ m[100 – 200 μ in]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μ m[50 μ in]

Mechanical Attachment

Connector Mounting Type	Bus Bar Mount
Wire Insulation Support	Without

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
Packaging Quantity	1

Product Compliance

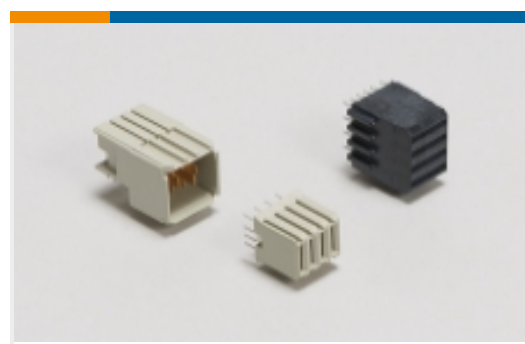
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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: JUL 2021 (219) 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

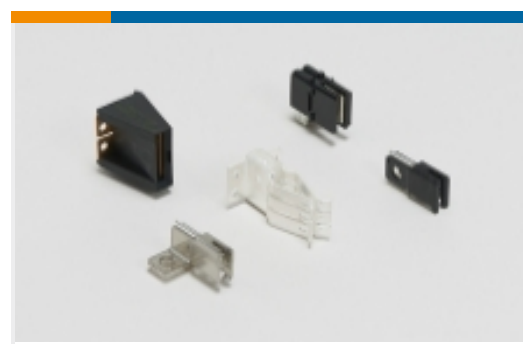
Product Compliance Disclaimer

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>

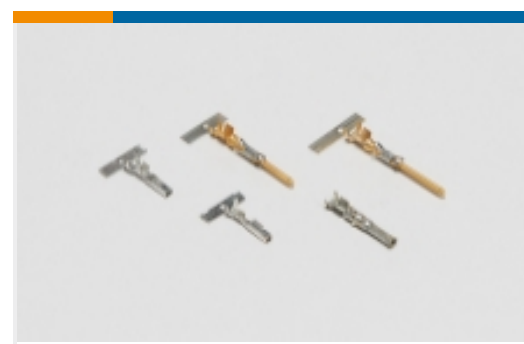
Also in the Series | [ICCON](#)



Backplane Power Connectors(2)



Busbar Connectors(7)



Power Contacts(4)



Power Terminals(3)



Rectangular Power Connectors(15)

Documents

Product Drawings

[ICCON,SIZE 4,LOCKING PIN ASSEMBLY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2085958-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2085958-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2085958-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English