



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Silver**  
Operating Voltage: **250 VDC**  
Contact Retention Within Housing: **Without**

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Fabrication	Solid
PCB Contact Termination Area Plating Material Thickness	5.08 - 7.62 µm[200 - 300 µin]
Mating Pin Diameter	3.17 mm[.125 in]
Contact Underplating Material Thickness	50 µm[1.27 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Silver
Contact Type	Pin
Contact Mating Area Plating Material	Silver
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	35 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Screw
Product Terminates To	Printed Circuit Board

Usage Conditions



Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
Packaging Method	Box & Tray, Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

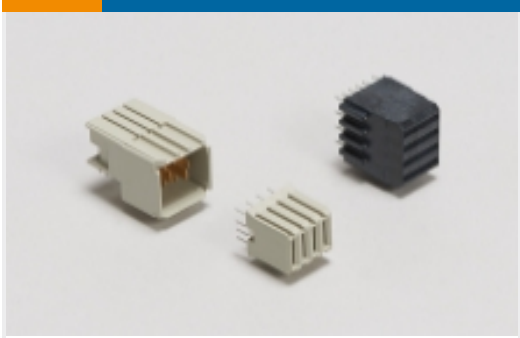
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> 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>



Also in the Series | **ICCON**



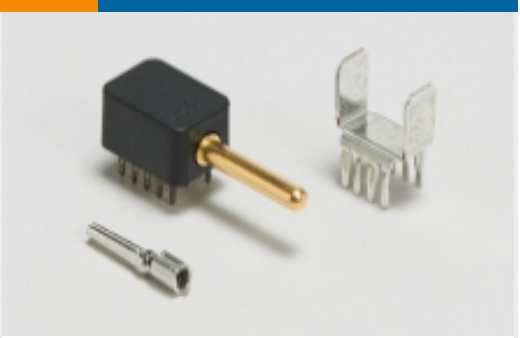
Backplane Power Connectors(2)



Busbar Connectors(3)



Connector Contacts(4)



Power Terminals(3)

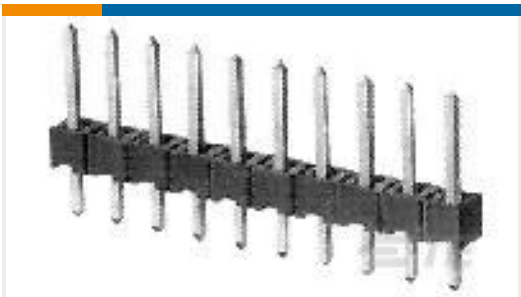


Rectangular Power Connectors(15)

Customers Also Bought



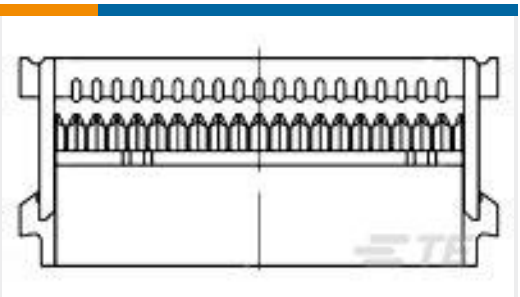
TE Part # 7-1879208-3  
CPF 0402 10K 0.1% 25PPM 1K RL



TE Part # 826646-2  
AMPMODU II R/A HEADER



TE Part # 7-1879215-2  
CPF 0402 25K5 0.1% 25PPM 1K RL



TE Part # 1658526-4  
609-1030LF FEM SOCKET,LEAD FREE



TE Part # 7-1879128-8  
RN 0402 1K0 0.1% 10PPM 5K RL

Documents

Product Drawings  
ICCON PIN, 18MM, M3.5 EXT THREAD

English

CAD Files  
3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1766663-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1766663-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1766663-2\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC01\\_BOARD\\_TO\\_BOARD](#)

English

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

Product Specifications

[Application Specification](#)

English