



ICCON

TE Internal #: 1766663-1

Power Contacts, Contact, 250 VAC, 250 VDC, Silver, Printed Circuit Board, Power, Pin, -40 – 105 °C [-40 – 221 °F], Copper Alloy, Straight, ICCON

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Silver**

Connector & Contact Terminates To: **Printed Circuit Board**

**Features**

**Product Type Features**

Power Contact Type	Contact
Connector & Contact Terminates To	Printed Circuit Board

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

**Termination Features**



Termination Method to Printed Circuit Board	Through Hole - Screw
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### 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

UL Rating	Recognized
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Agency/Standard	UL
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	200
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Packaging Method	Box & Tray, Tray
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)
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Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

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
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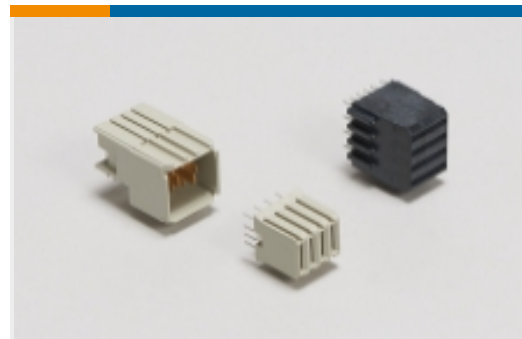
Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

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>

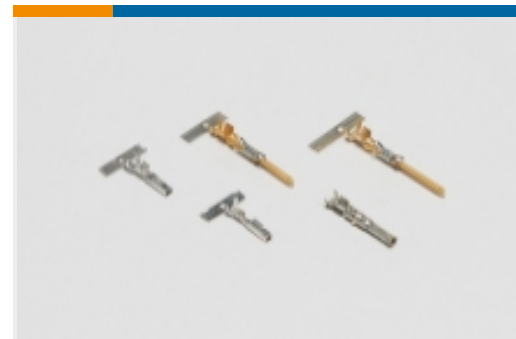
## Also in the Series | ICCON



Backplane Power Connectors(2)



Busbar Connectors(3)



Power Contacts(4)



Power Terminals(3)



Rectangular Power Connectors(15)

## Customers Also Bought



TE Part #6643220-1  
SLIMLINE,ICCON,SKT,ASSY



TE Part #6643274-1  
ICCON,PIN,ASSY

## Documents

### Product Drawings

ICCON PIN, 16MM, M3.5 EXT THREAD

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_1766663-1\_B.2d\_dxf.zip

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_1766663-1\\_B.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1766663-1\\_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

[1-1773718-4\\_POWER\\_CONNECTORS\\_QRG\\_CN](#)

[1-1773718-5\\_POWER\\_CONNECTORS\\_QRG\\_TCN](#)

[1-1773718-6\\_POWER\\_CONNECTORS\\_QRG\\_JA](#)

Japanese

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

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL Report](#)

English