

1766269-1 x OBSOLETE

ELCON | ELCON Drawer

TE Internal #: 1766269-1

TE Internal Description: CONTACT,PIN,SIZE #0

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Silver**

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

Connector & Contact Terminates To: **Bus Bar**

Contact Current Rating (Max): **200 A**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Panel
Connector & Contact Terminates To	Bus Bar

### Contact Features

Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	200 A
Contact Type	Pin
Contact Retention Within Housing	Without
Mating Pin Diameter	9.06 mm[.357 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	5 $\mu$ m[200 $\mu$ in]
Wire Contact Termination Area Plating Thickness	5.08 – 7.62 $\mu$ m[200 – 300 $\mu$ in]
Wire Contact Termination Area Plating Material	Silver
Contact Orientation	Straight
Contact Underplating Material	Nickel

Contact Underplating Material Thickness	1.27 $\mu\text{m}$ [50 $\mu\text{in}$ ]
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Contact Size	0
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### Mechanical Attachment

Threaded Mount Type	1/4 Probe-Proof Internal Thread
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Wire Insulation Support	Without
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### Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$ ]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Bag
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Packaging Quantity	50
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### Other

Comment	Use only with probe-proof socket contacts
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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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 | ELCON Drawer



PCB Connector Mounting(1)



Power Contacts(33)



Rectangular Connector Hardware(1)



Rectangular Power Connectors(31)

## Documents

### Product Drawings

[CONTACT,PIN,SIZE #0](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1766269-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1766269-1\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1766269-1\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

[AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7](#)

English

### Product Specifications

[Application Specification](#)



English