

1650155-1 ✓ ACTIVE

ELCON | ELCON Drawer

TE Internal #: 1650155-1

Power Contacts, Contact, Gold, 24 – 20 AWG Wire Size, Wire & Cable, Crimp, Power, Pin, -55 – 105 °C [-67 – 221 °F], Copper, Gold, ELCON Drawer

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **24 – 20 AWG**

Connector & Contact Terminates To: **Wire & Cable**

Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Size	Size 20
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A
Contact Type	Pin
Contact Retention Within Housing	Without
Mating Pin Diameter	1.02 mm[.04 in]
Contact Base Material	Copper
Contact Mating Area Plating Material Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material	Gold
Contact Orientation	Straight



Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 µm[50 µin]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	24 – 20 AWG
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	2000
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Packaging Method	Bag
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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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component Part)</p>
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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.

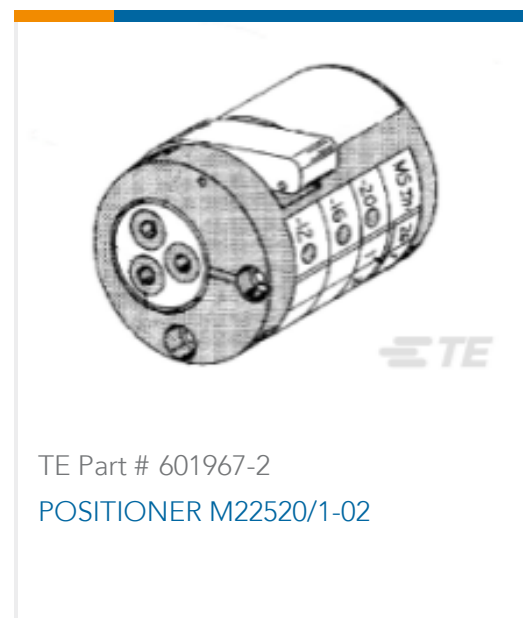
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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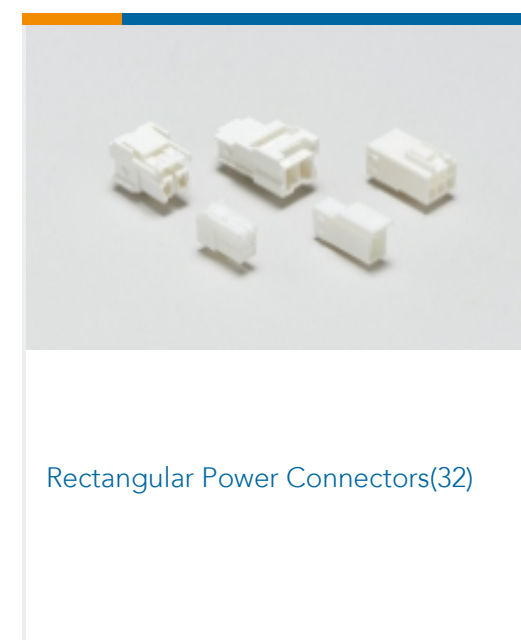
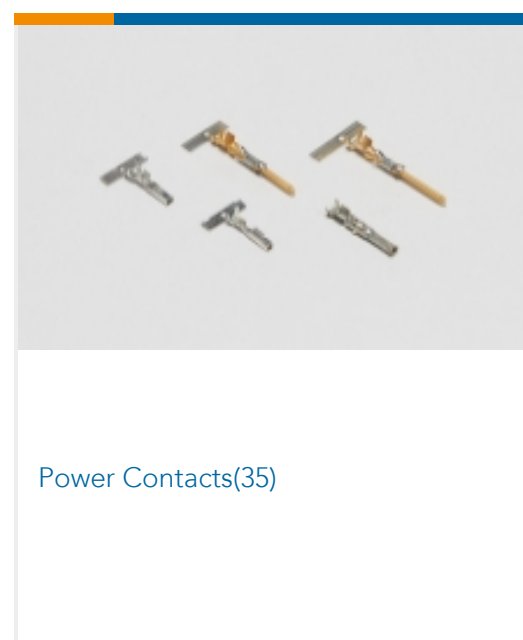
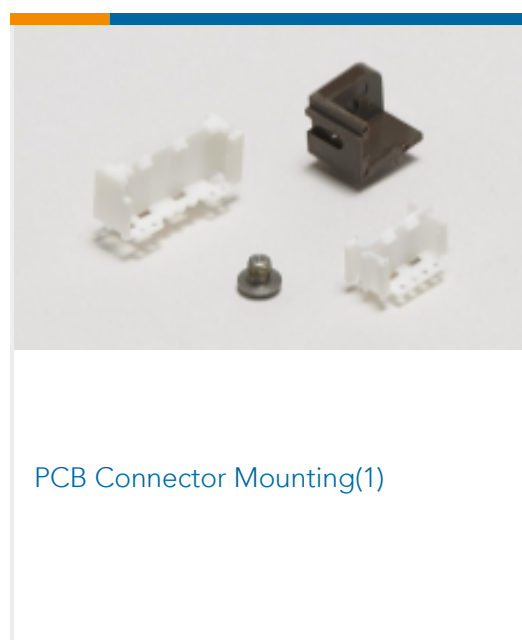
Product Compliance Disclaimer

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>

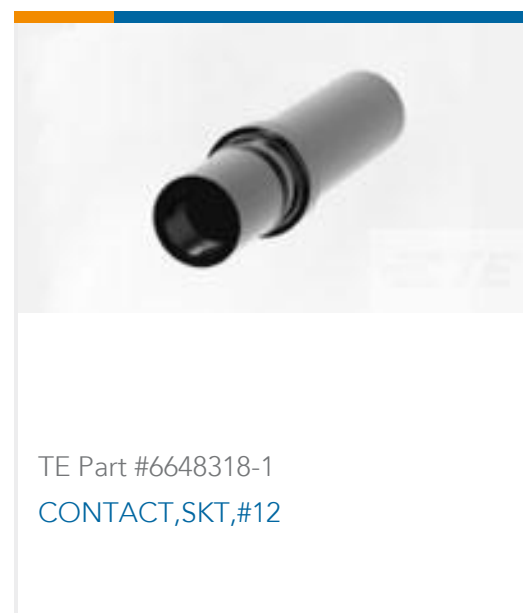
Compatible Parts

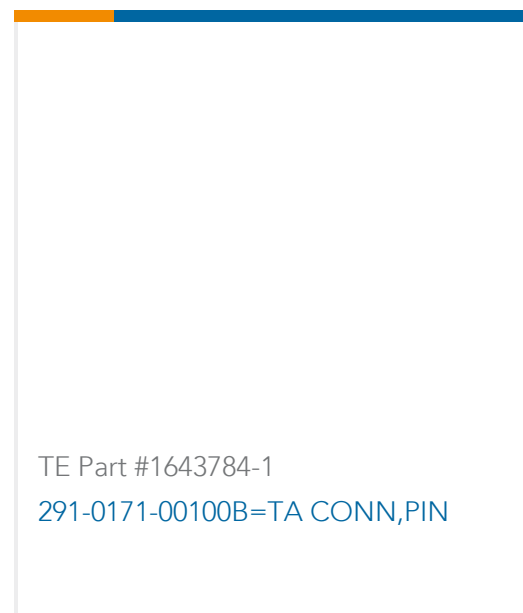


Also in the Series | ELCON Drawer



Customers Also Bought





Documents

Product Drawings

[701-14-02109=CONTACT,PIN,#20](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1650155-1_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1650155-1_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1650155-1_Y.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_SEC02_CABLE_MOUNTED](#)

English

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

English

Product Specifications

[Application Specification](#)

English



Product Environmental Compliance

[MD_1650155-1_08162018446_dmtec](#)

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