



Connectors > Power Connectors > Power Contacts



Product Type: **Contact**

Wire Size: **4 AWG**

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

Contact Current Rating (Max): **125 A**

Circuit Application: **Power & Signal**

Features

Product Type Features

Product Type	Contact
Connector System	Wire-to-Wire

Contact Features

Contact Current Rating (Max)	125 A
Contact Type	Socket
Contact Retention Within Housing	Without
Contact Base Material	Copper
Contact Mating Area Plating Material	Silver
Contact Termination Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
	200 – 300 μin
Contact Orientation	Straight
Contact Underplating Material	Nickel
Underplate Material Thickness	1 μm[40 μin]
Contact Plating Material	Silver



Contact Size	4
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Termination Features

Termination Type	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without
Mount Type	Crimp

Dimensions

Wire Size	4 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 & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Bag
Packaging Quantity	250

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
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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | ELCON Drawer

PCB Connector Mounting  
(1)

Power Contacts(45)

Rectangular Power Connectors(35)

Customers Also Bought

TE Model / Part #1766283-1  
CONTACT,PIN,#4,M5

TE Model / Part #1648151-1  
241-27-01100

TE Model / Part #1650162-2  
701-65-02109=CONTACT,  
PIN,#20

TE Model / Part #6648222-1  
CONTACT,PIN,#4 SILVER  
PLATED




TE Model / Part #1648156-1  
242-27-01100



TE Model / Part #1650106-1  
902-84-02113=SCREW,  
SHOULDER,#6-32




TE Model / Part #1651766-1  
259-0272-00500=TA  
HOOD,LKG,#4



TE Model / Part #1643906-1  
Crown Clip Senior 538-17-  
00100 399-01 7



TE Model / Part #1766232-1  
CONTACT,PIN, .25 DIA



TE Model / Part #6648236-1  
CROWN,SKT,#4 W/#4  
CRIMP,RAPID

Documents

Product Drawings

CONTACT,SKT,SIZE 1/4,SINGLE CR

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_6648434-1\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6648434-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6648434-1\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

POWER\_CONNECTORS\_CATALOG\_SEC02\_CABLE\_MOUNTED

English

Busbar Power Brochure

English

AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7

English

CORCOM\_DB\_SERIES

English



3-1773463-3\_FORGE\_DRAWER\_CONNECTORS

English

1-1773875-1\_FORGE\_DRAWER\_CONNECTORS\_CN

Product Specifications

Application Specification

English