

1648186-1 ✓ ACTIVE

ELCON

TE Internal #: 1648186-1

Power Contacts, Contact, 250 VAC, 250 VDC, Wire-to-Wire, 52

Position, .6 in / .2 in / .15 in [5.08 mm / 3.81 mm / 15.24 mm]

Centerline, Crimp

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

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

Number of Positions: **52**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire

Configuration Features

Number of Positions	52
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Current Rating (Max)	5 A, 15 A, 35 A, 200 A
Contact Type	Socket
Contact Retention Within Housing	With

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support

Without

Housing Features

Centerline (Pitch)

3.81 mm, 5.08 mm, 15.24 mm [.15 in][.2 in][.6 in]

Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Packaging Features

Packaging Method

Package

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2022 (224)
 Candidate List Declared Against: JAN 2022 (223)
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

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



Documents

Product Drawings

[292-10-01100=SA CONN,SKT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.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

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