

**1648548-1**

✓ ACTIVE

**ELCON**

TE Internal #: 1648548-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 4

Position, 18.42 mm [.725 in] Centerline, Wire &amp; Cable, UL 94V-0

[View on TE.com >](#)[Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors](#)Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Plug**Connector System: **Wire-to-Board**Number of Positions: **4**Centerline (Pitch): **18.42 mm [.725 in]**

## Features

### Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Current Rating (Max)	200 A
Contact Retention Within Housing	Without

## Contact Type

Pin

## Termination Features

Termination Method to Wire &amp; Cable

Crimp

## Mechanical Attachment

Connector Mounting Type

Panel Mount

## Housing Features

Centerline (Pitch)

18.42 mm [.725 in]

Housing Color

Black

## Usage Conditions

Operating Temperature Range

-40 - 105 °C [-40 - 221 °F]

## Operation/Application

Circuit Application

Power

## Industry Standards

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

## Packaging Features

Packaging Method

Bulk

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

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



TE Part # 1648574-1  
296-0040-01100-SA CONN,SKT



TE Part # 1648586-1  
296-0067-01100

## Customers Also Bought



TE Part # 66597-2  
Strip Pin and Socket Contacts, Type III



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 207018-1  
METRIMATE RCPT 12 POS



TE Part # 1766193-1  
CONTACT,PIN,SIZE #12



TE Part # 35684  
TERMINAL,SOLIS R 14-12 6



TE Part # 1SNL325010R0000  
DBL250



TE Part # 1650155-1  
701-14-02109=CONTACT,PIN,#20



TE Part # 1766194-1  
CONTACT,PIN,#16



## Documents

### Product Drawings

[295-0040-01100](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1648548-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1648548-1\\_A.3d\\_jgs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1648548-1\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

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

English

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

English

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### Product Specifications

[Application Specification](#)

English