1648549-1 ✔ ACTIVE

ELCON

TE Internal #: 1648549-1

2 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-0, 18.42 mm [.725 in] Centerline, 250 VAC, Wire & Cable, Power, Panel Mount

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Power Positions	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black
Cable Exit Angle	180°

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	18.42 mm[.725 in]

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>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1648575-1
296-0041-01100

Customers Also Bought



TE Part #601967-1
CRIMPING TOOL M22520/1-01



TE Part #1648552-1
295-0049-01100



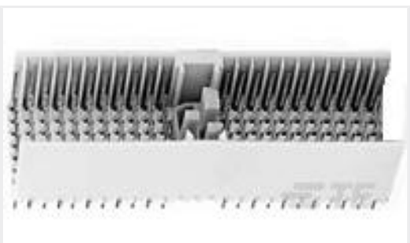
TE Part #1648575-1
296-0041-01100



TE Part #1650153-2
701-12-02109=CONTACT,PIN,#12



TE Part #1766811-1
CONTACT,PIN,#0



TE Part #5100668-1
Z-PACK M.ASSY.154P.



TE Part #6648405-1
CONTACT,SKT,SIZE #0

Documents

Product Drawings

295-0041-01100

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1648549-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1648549-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1648549-1_B.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