

TE Internal #: 1648601-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 52 Position, Wire & Cable, UL 94V-0, Standard Part - Not

Glow Wire, Power & Signal

View on TE.com >

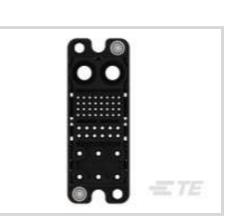


Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 52

Sealable: No

# **Features**

## Product Type Features

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

## **Configuration Features**

Number of Positions	52
PCB Mount Orientation	Vertical

### **Electrical Characteristics**

Operating Voltage	1000 VDC
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# **Contact Features**

Contact Current Rating (Max)	5 A, 15 A, 35 A, 200 A
Contact Retention Within Housing	Without
Contact Type	Socket



#### **Termination Features**

Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Panel Mount
Housing Features	
Housing Color	Black
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



# Customers Also Bought



















# **Documents**

**Product Drawings** 

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 52 Position, Wire & Cable, UL 94V-0, Standard Part - Not Glow Wire, Power & Signal



#### 296-22-01100

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1648601-1\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1648601-1\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1648601-1\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# **Product Specifications**

**Application Specification** 

English

# **Product Environmental Compliance**

**TE Material Declaration** 

English