



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug, Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **1**
Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Retention Within Housing	Without
Contact Type	Blade

Termination Features

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Termination Method to Wire & Cable	Crimp
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	Polycarbonate

Dimensions

Wire Size	993 – 12066 CMA
Height	7.4 mm[.291 in]
Length	24.6 mm[.968 in]
Width	7.4 mm[.291 in]

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
Agency/Standard	UL

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1000

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1744041-1
L/P CONTACT,12-16AWG





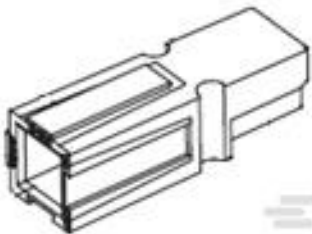
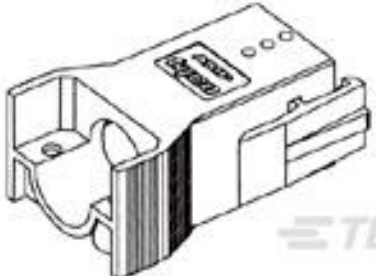

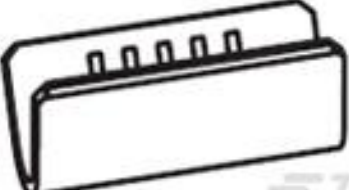

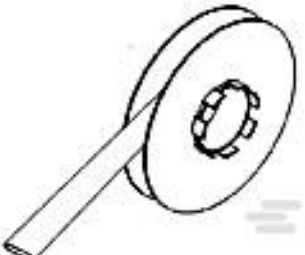
Also in the Series | AMP Power Series - 45



Rectangular Power Connectors(8)

Customers Also Bought



 TE Part #1445957-1 HSG SUB ASY,BLUE	 TE Part #1445957-6 HSG SUB ASY,YELLOW	 TE Part #1445957-8 HSG SUB ASY,GRAY	 TE Part #1445962-1 CONT,45A PWR PROD,STRIP,SILVER
 TE Part #1604077-1 HSG,2X2 POWER PROD RECPT	 TE Part #1604083-1 HSG,2X2 PWR PROD PLUR W/LATCH	 TE Part #2-33459-6 TERMINAL,SOLIS R 12-10 5/16	 TE Part #926824-1 AM WIRE PIN 17-13 .013 BR
 TE Part #1604112-2 CONT,30A PWR PROD,STRIP,TIN	 TE Part #853773-000 TTMS-3.2-4		

Documents

Product Drawings
HSG SUB ASY,BLACK

English

CAD Files
Customer View Model
ENG_CVM_CVM_1445957-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1445957-2_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1445957-2_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

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English