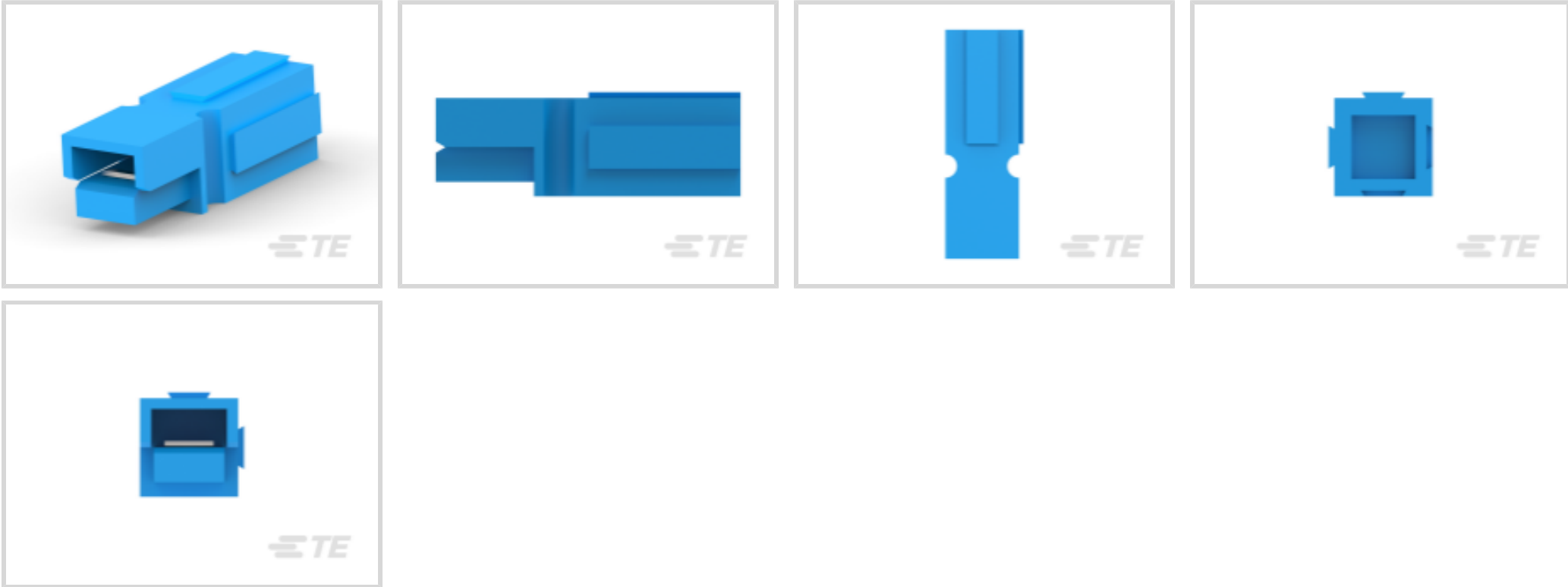




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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

Compatible With Discrete Wire Type	Stranded
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

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Housing Color	Blue
Housing Material	Polycarbonate

Dimensions

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

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 Rating	Recognized
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

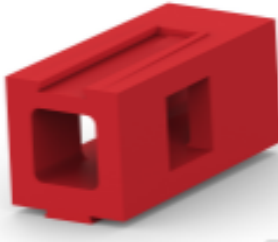
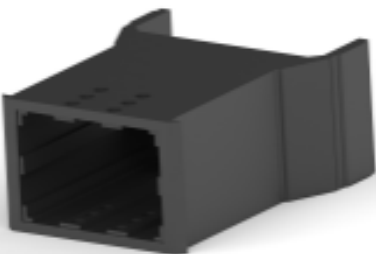
Solder Process Capability

Not applicable for solder process capability

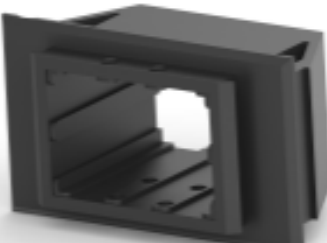
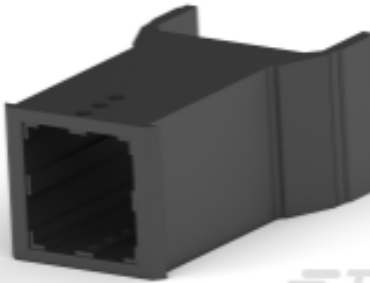
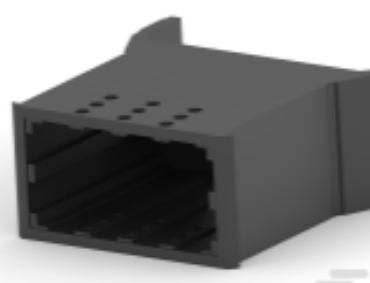
Product Compliance Disclaimer

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 # 1445886-4 RET PIN,15/30/45A,SP,1 HIGH	 TE Part # 1445886-6 RET PIN,SNAP-IN RECEPTACLE	 TE Part # 1445960-1 MTG WING,15/30/45A PWR PROD	 TE Part # 1445962-2 CONT,45A PWR PROD,STRIP,TIN
 TE Part # 1604077-1 HSG,2X2 POWER PROD RECPT	 TE Part # 1604081-1 HSG,2X3 PWR PROD PLUR W/O LATC	 TE Part # 1604083-1 HSG,2X2 PWR PROD PLUR W/LATCH	 TE Part # 1744041-1 L/P CONTACT,12-16AWG



 TE Part # 1744042-1 L/P CONTACT,16-20AWG	 TE Part # 1445886-5 RET PIN,15/30/45A,SP,2 HIGH	 TE Part # 1445962-1 CONT,45A PWR PROD,STRIP,SILVER	 TE Part # 1604078-1 HSG,2X3 POWER PROD RECPT
 TE Part # 1604079-1 HSG,2X4 POWER PROD RECPT	 TE Part # 1604080-1 HSG,2X2 PWR PROD PLUR W/O LATC	 TE Part # 1604082-1 HSG,2X4 PWR PROD PLUR W/O LATC	 TE Part # 1744128-1 PCB CONTACT,CU/AG,STRAIGHT, PLA
 TE Part # 1744128-3 PCB CONTACT,CU/AG,STRAIGHT	 TE Part # 1744340-2 PCB CONTACT,CU/AG,R/A,45A,SHOR	 TE Part # 1744128-2 PCB CONTACT,CU/AG,R/A	 TE Part # 1604112-2 CONT,30A PWR PROD,STRIP,TIN

Also in the Series | AMP Power Series - 45



Rectangular Power Connectors(8)

Customers Also Bought

 TE Part #1445957-5 HSG SUB ASY,RED	 TE Part #42037-2 RING TERMINAL 22-18 AWG TPBR	 TE Part #1445957-2 HSG SUB ASY,BLACK	 TE Part #1445957-4 HSG SUB ASY,GREEN
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TE Part #1445957-8
HSG SUB ASY,GRAY



TE Part #207542-1
HSG,PLUG 16 POSN,METRIMATE



TE Part #207376-1
HSG,RECEPT 6 POSN,METRIMATE

TE Part #1-2159395-8
IBM 00LU389 ETHERNET

TE Part #1-2159395-9
IBM 00LU390 ETHERNET

Documents

Product Drawings

HSG SUB ASY,BLUE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1445957-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1445957-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1445957-1_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

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English



Application Specification

English