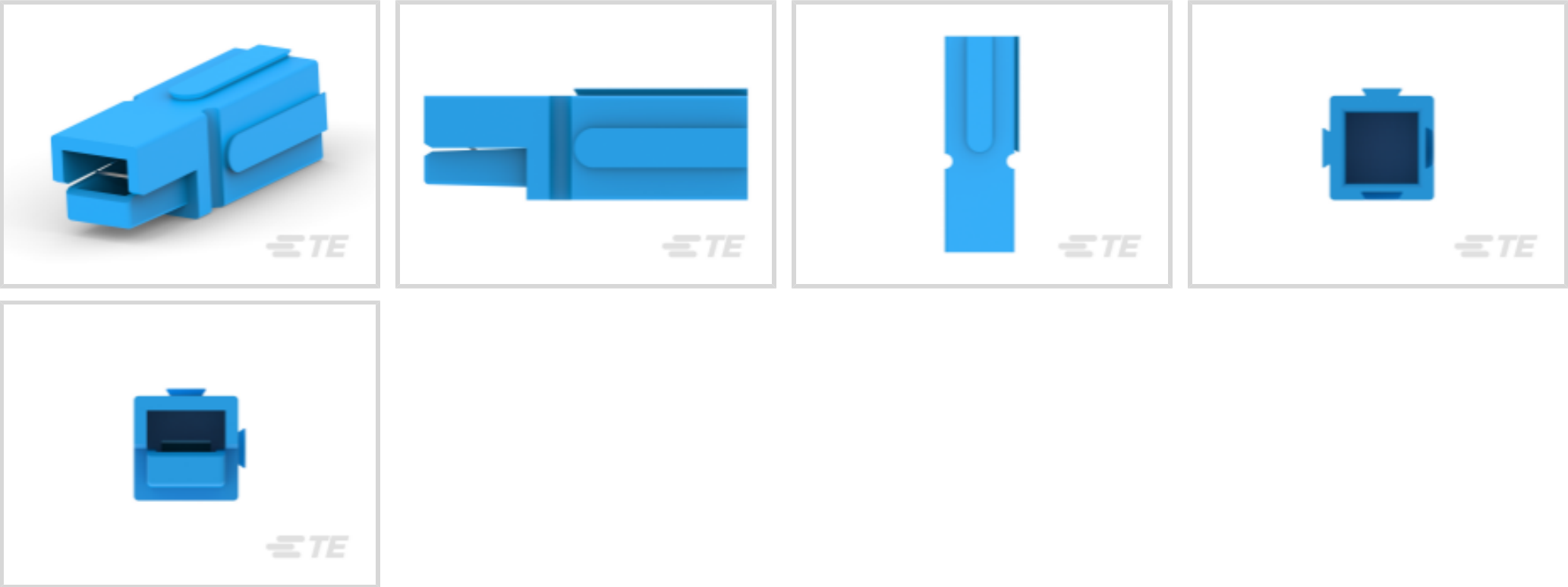




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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 Power Positions	0
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Retention Within Housing	Without
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Contact Type	Blade
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Color	Blue
Housing Material	Polycarbonate
Dimensions	
Connector Height	69.6 mm[2.74 in]
Product Width	22.4 mm[.96 in]
Product Length	22.4 mm[.96 in]
Compatible Insulation Diameter Range	15 mm[.591 in]
Wire Size	67100 – 69073 CMA
Usage Conditions	
Operating Temperature Range	0 – 105 °C[32 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Rating	Recognized
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	110
Packaging Method	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 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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>

Also in the Series | AMP Power Series - 120

A collection of blue and grey rectangular connector adapters of various shapes and sizes.

Rectangular Connector Adapters(1)

A collection of white rectangular power connectors of various shapes and sizes.

Rectangular Power Connectors(9)

Customers Also Bought

Two black rectangular components with white markings, including the number '221' and the TE logo.

TE Part #8-2176231-0
3522 20K 1% 3W

Two small black rectangular components with white markings, including 'R10' and the TE logo.

TE Part #4-2176058-9
RLP73K 3A 1R0 5% 2K RL

A cylindrical metal component with a threaded section and a flat end.

TE Part #1445996-1
CONTACT, 120 PWR PROD,4 AWG

A grey plastic component with a multi-pin connector and a separate wire with a crimp terminal.

TE Part #1604044-4
KIT,175A, 4 AWG,GRAY





TE Part #1604001-3
120A SGL POLE HSG SUBASY,WHITE



TE Part #965687-1
FIXING RING



TE Part #5-1618387-7
LEV200A5NAF=RELAY, 24Vdc SPST NO



TE Part #2103534-4
PLUG SUBASSY, D, HVA280

Documents

Product Drawings

120A SGL POLE HSG SUBASY,BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1604001-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1604001-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1604001-1_C.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