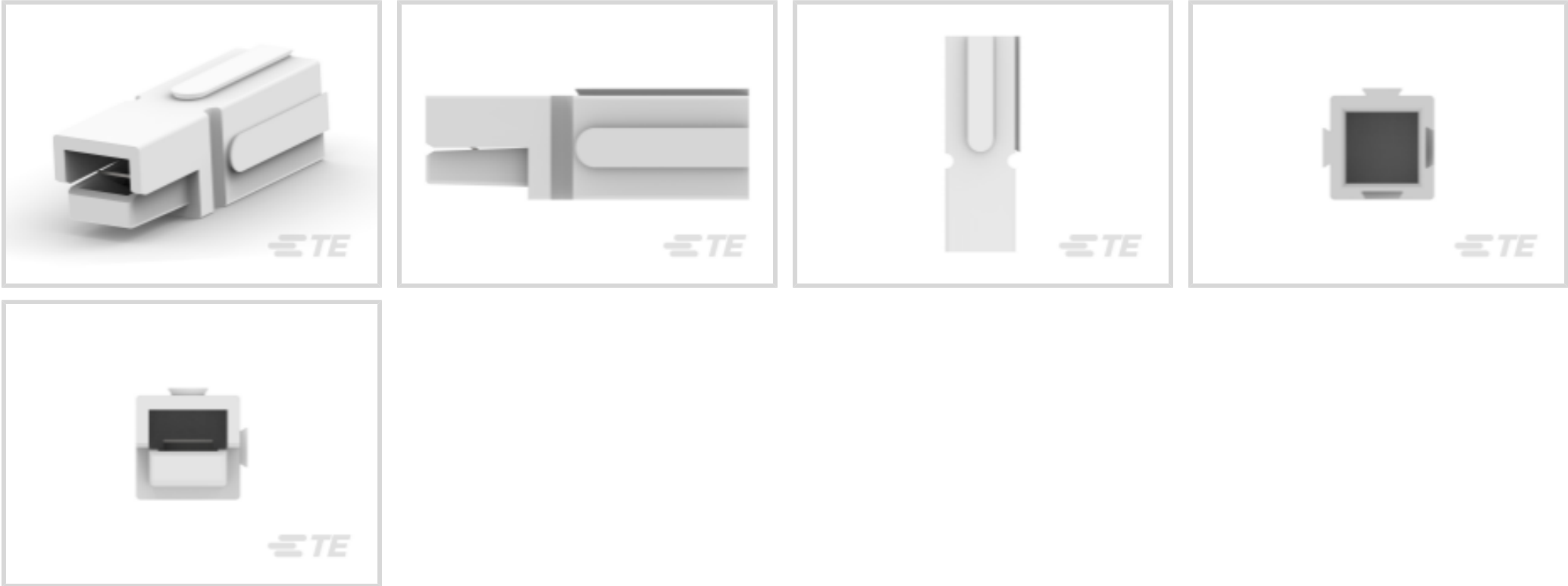




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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 |
|-------------------|---------|

Contact Features

| | |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
|----------------------------------|---------|



| | |
|---|-------------------------------|
| 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 | White |
| 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 | Not Yet Reviewed |
| 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 | 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>

Also in the Series | AMP Power Series - 120

Rectangular Connector Adapters(1)

Rectangular Power Connectors(9)

Customers Also Bought

TE Part #66564-8
III+ PIN,24-20,30AU/FL,STRIP

TE Part #1-643075-5
15P MTA100 MOLDED COVER

TE Part #321275
TERMINAL,SOLIS FLAG R 4 1/4

TE Part #926298-3
04P UNIV.M-N-L.PLUG



TE Part #1445022-9
MICRO MNL RFECEPT HSG SINGLE R



TE Part #1604001-5
120A SGL POLE HSG SUBASY,RED



TE Part #2-323914-1
TERMINAL,PIDG R 26-22 4



TE Part #2822343-1
MINI MLC PLUG HSG ASSY 7P



TE Part #917308-1
MINI MLC CONN REC CONT.



TE Part #1445995-1
CONTACT, 120 PWR PROD,2AWG

Documents

Product Drawings

120A SGL POLE HSG SUBASY,WHITE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1604001-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1604001-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1604001-3_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

1604001-3

Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position,
Wire & Cable, UL 94V-0, AMP Power Series - 120

