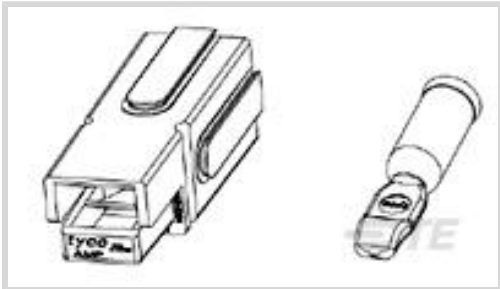




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug, Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **1**

Sealable: **No**

Features

Product Type Features

Assembly Requirement	Unassembled Kit
Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug, Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Current Rating (Max)	120 A
Contact Type	Blade

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
Mating Alignment	Without



Panel Mount Feature	Without
Mating Retention Type	Latch

Housing Features

Housing Color	White
Housing Material	Polycarbonate

Dimensions

Connector Height	23.99 mm[.944 in]
Product Width	23.4 mm[.921 in]
Product Length	69.6 mm[2.74 in]
Wire Size	67100 CMA

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

Packaging Features

Packaging Method	Bag
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JAN 2024 (240) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series

AMP Power Series - 120

Connector Strain Relief(1)

Rectangular Power Connectors(9)

Customers Also Bought

TE Part # ZPF00000000136485
RECEPTACLE MALE FOR 12 PINS, CAL1,6

TE Part # EC9833-000
ZHD-SCE-3.2-50-S1-4

TE Part # 1-1415543-5
RTE44110

TE Part # ASA158F12390235000
623 PLUG

TE Part # ZPF000000000205373
PLUG MALE ANG.90 CAL.20 - FXP

TE Part # YZ-KC-212751A-PY00
TOOL DISMOUNTING - FXP2

TE Part # 55992-1
TERMINAL,AMPOWER R 2/0 5/16

TE Part # ZPF000000000205378
CONTACT MALE ANG.90, CAL20, 120MM2 - FXP



Documents

Product Drawings

120A SGL POLE KIT, 2 AWG WHITE

English

CAD Files

Customer View Model

ENG_CVM_1604002-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1604002-3_O.3d_stp.zip

English

Customer View Model

ENG_CVM_1604002-3_O.2d_dxf.zip

English

3D PDF

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

Instruction Sheets

Instruction Sheet (U.S.)

English