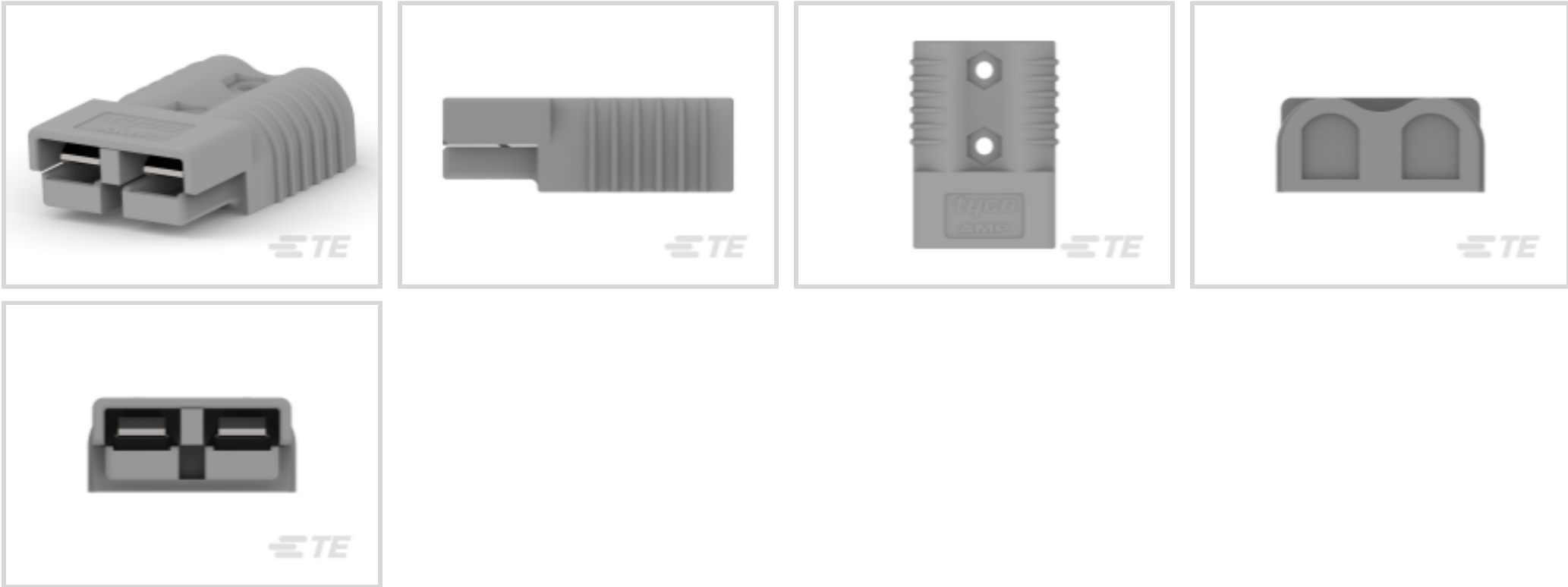




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

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

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

Number of Positions: **2**

Centerline (Pitch): **19.06 mm [.75 in]**

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	2
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Current Rating (Max)	175 A
Contact Type	Blade



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	19.06 mm[.75 in]
Housing Color	Gray
Housing Material	Polycarbonate

Dimensions

Connector Height	25.4 mm[1 in]
Product Width	53.5 mm[2.11 in]
Product Length	78.2 mm[3.08 in]
Wire Size	41444 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 Method	Package
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



Also in the Series | AMP Power Series - 175



Connector Strain Relief(4)

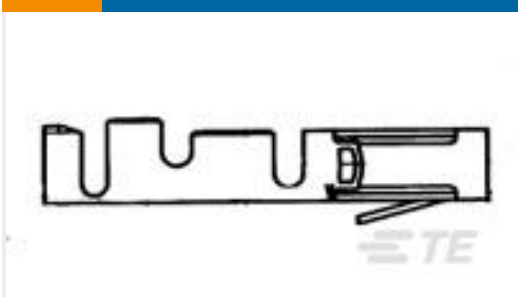


Rectangular Power Connectors(12)

Customers Also Bought



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



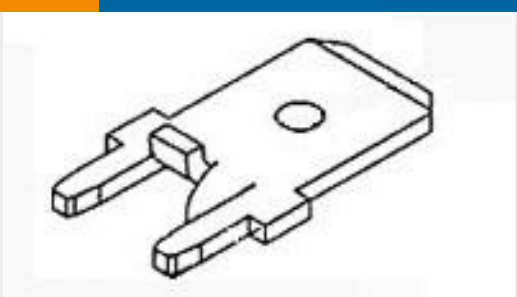
TE Part # 181270-1
AMP-MODU CONTACT



TE Part # 1-1825027-1
FSMRA4JH04=R/A, TACT PB SW, 160G



TE Part # 280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part # 1217861-1
250 FASTON, PCB TAB, TCBR



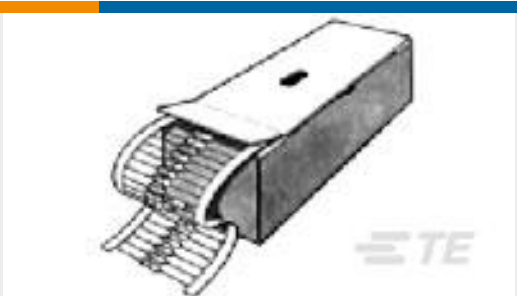
TE Part # 1604001-1
120A SGL POLE HSG SUBASY, BLUE



TE Part # 1604001-2
120A SGL POLE HSG SUBASY, BLACK



TE Part # 1604040-1
CONTACT, 175A/180A, #4 AWG, L/P



TE Part # 1-2176083-1
EP 5W (S) 470R 5%

Documents

Product Drawings

KIT, 175A, 4 AWG, GRAY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1604044-4_O.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1604044-4_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1604044-4_O.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