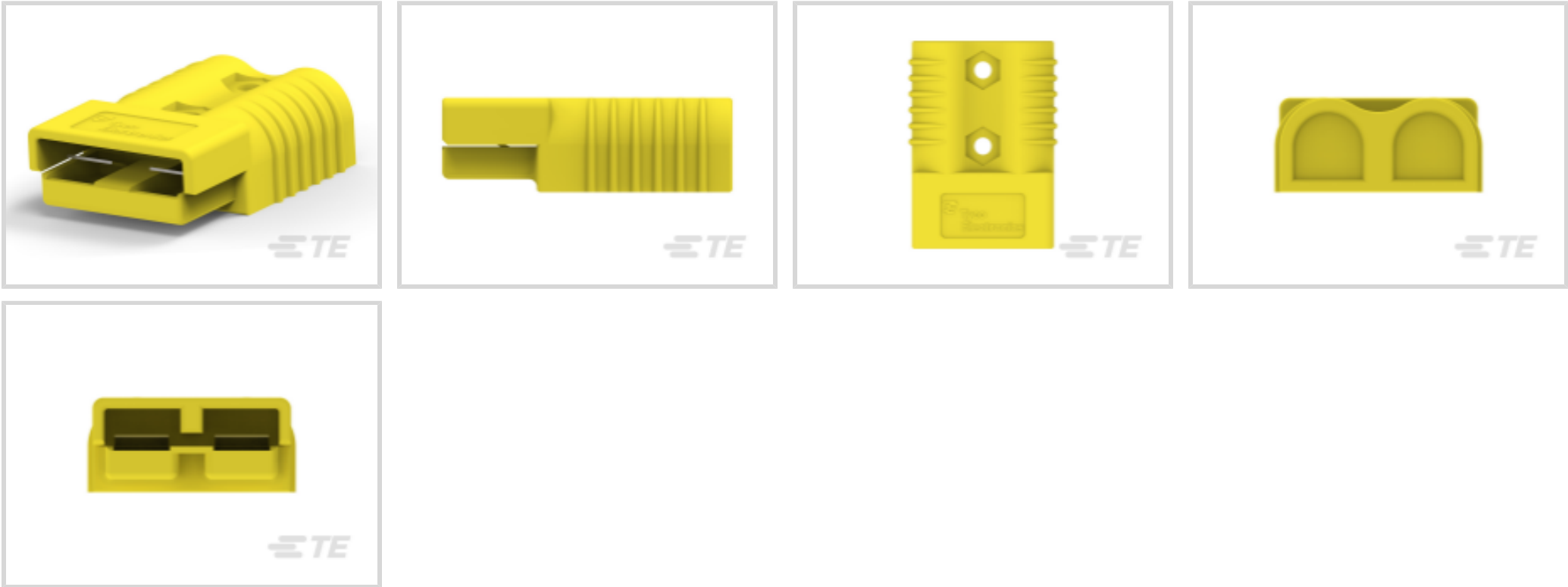




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug, Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **2**
Centerline (Pitch): **19.06 mm [.75 in]**

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	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features



Contact Retention Within Housing	Without
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Contact Type	Blade
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

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

Connector Height	25.4 mm[1 in]
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Product Width	53.5 mm[2.11 in]
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Product Length	78.2 mm[3.08 in]
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Compatible Insulation Diameter Range	18 mm[.7 in]
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Wire Size	41444 – 118412 CMA
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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
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Agency/Standard	UL
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Approved Standards	UL E28476
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	50
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Packaging Method	Bag & Box
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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: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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 - 175

Rectangular Connector Adapters(4)

Rectangular Power Connectors(12)

Customers Also Bought



TE Part #F69019-000
RT-780-1/4-0-SP

TE Part #5054534025
RNF-100-1/16-GN-SP

TE Part #CL4958-000
55PC1121-22-4/7-9

TE Part #1803057-5
ANVIL, COMBINATION

TE Part #467661-1
WIRE CRIMPER

TE Part #7-2151528-7
OCEAN_2.0_SPARE_PART_KIT-025F024F

TE Part #403159-000
FLHTC0311-24-0

TE Part #120236-000
FLHTC0311-24-3

TE Part #E30870-000
FLHTC0311-24-6

TE Part #3-643816-9
09P MTA100 CONN ASSY POL RIB

Documents

Product Drawings
175A HOUSING SUB-ASSY,YELLOW
English

CAD Files
Customer View Model
ENG_CVM_CVM_1604037-1_O.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1604037-1_O.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1604037-1_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

Instruction Sheets

Instruction Sheet (U.S.)

English