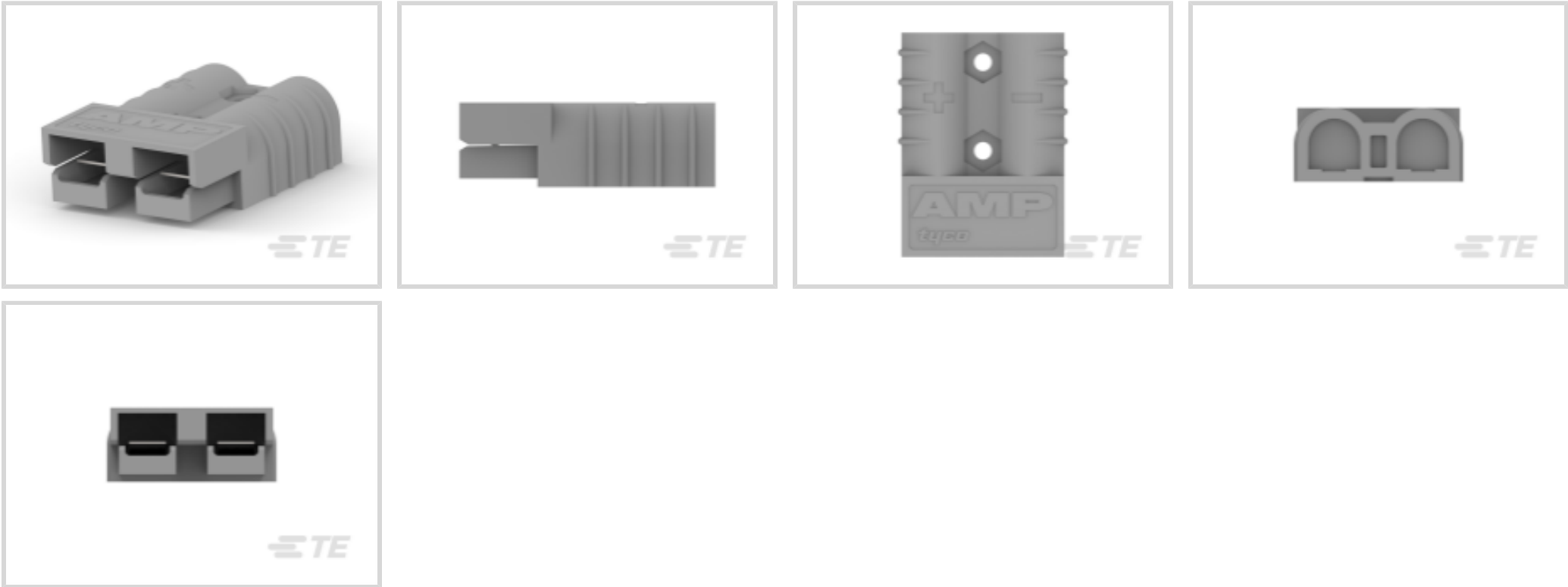




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

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

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

Number of Positions: **2**

Centerline (Pitch): **19.05 mm [.705 in]**

Features

Product Type Features

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	Tab
Termination Features	
Termination Method to Wire & Cable	Crimp
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	19.05 mm[.705 in]
Housing Color	Gray
Housing Material	Polycarbonate
Dimensions	
Wire Size	6088 – 27629 CMA
Width	35.05 mm[1.38 in]
Accepts Wire Insulation Diameter Range	10 mm[.394 in]
Height	15.88 mm[.625 in]
Length	48.23 mm[1.9 in]
Usage Conditions	
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	UL
UL Rating	Recognized
Packaging Features	
Packaging Method	Bag
Packaging Quantity	175



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 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

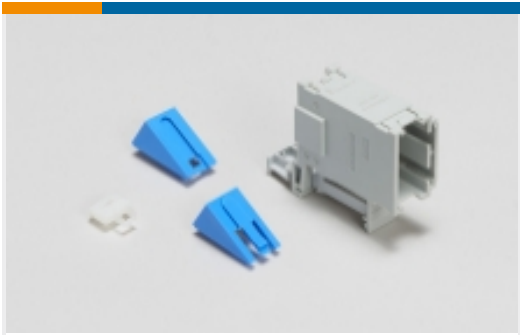
Product Compliance Disclaimer

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>

Compatible Parts



Also in the Series | AMP Power Series - 50



Rectangular Connector Adapters(1)



Rectangular Power Connectors(13)

Customers Also Bought



TE Part #794715-1
09P UMNL CAP HSG NATL,PAN MNT



TE Part #144684-1
COVER MODU IV 2X3 POS.



TE Part #521204-1
POSI-LOK HSG.250-2 POS RAST5



TE Part #280001-9
250 FASTON,REC.,14-17 AWG,TPBR



TE Part #5068064006
CGPT-4.8/2.4-2-SP



TE Part #964314-1
TIMER, RECEPTACLE AND TAB



TE Part #2127374001
GPO-135-9.5/4.8-0-SP



TE Part #4431574001
GPO-135-4.8/2.4-0-SP



TE Part #770095-1
09P .093 COMM P&S PLUG

Documents

Product Drawings
SERIES 50 HOUSING,GRAY

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_647845-4_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_647845-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_647845-4_B.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

Product Environmental Compliance

[TE Material Declaration](#)

English