



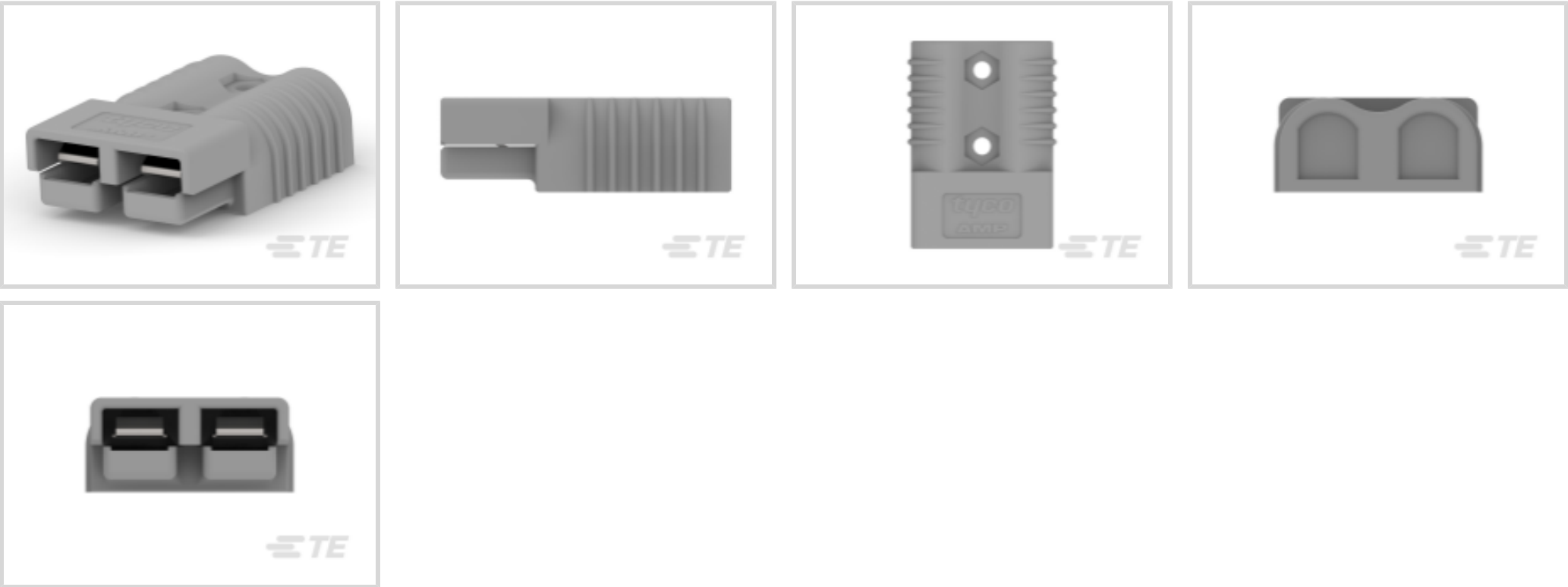
AMP Power Series - 175

TE Internal #: 1604043-4

Rectangular Power Connectors, Connector Assembly, Receptacle / Plug, Wire-to-Wire, 2 Position, .75 in [19.06 mm] Centerline, AMP Power Series - 175

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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
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
Wire Type	Stranded

Mechanical Attachment

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

Housing Features

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

Dimensions

Wire Size	67100 – 69073 CMA
Height	25.4 mm[1 in]
Length	78.2 mm[3.08 in]
Width	53.5 mm[2.11 in]

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 Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
Agency/Standard	UL

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	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 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

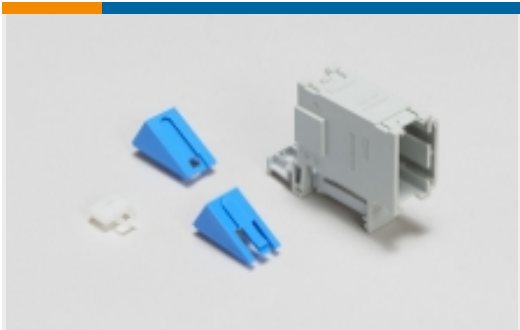
Product Compliance Disclaimer

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



Rectangular Connector Adapters(4)



Rectangular Power Connectors(12)

Customers Also Bought



TE Part #T4111501041-000
M12 Field Installable Unshielded



TE Part #T4031017031-000
M8 Panel Mount Solder Cups



TE Part #1604039-1
CONTACT,175A/180A,#2 AWG,L/P



TE Part #1604037-5
175A HOUSING SUB-ASSY,BLUE



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



TE Part #2160173001
55A0111-14-2

Documents

Product Drawings
KIT,175A,2 AWG,GRAY
English

CAD Files
Customer View Model
ENG_CVM_1604043-4_O.3d_igs.zip
English
Customer View Model
ENG_CVM_1604043-4_O.3d_stp.zip
English
Customer View Model
ENG_CVM_1604043-4_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

Product Environmental Compliance

TE Material Declaration

English