

1604037-1

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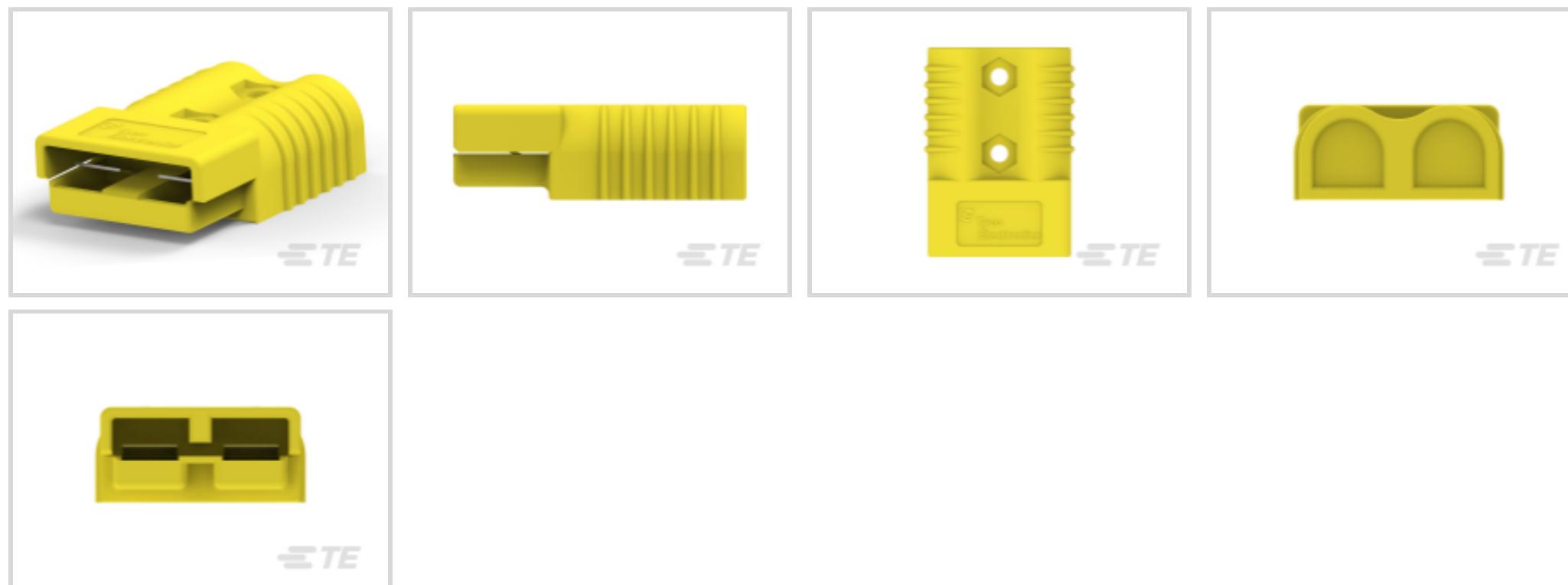
AMP Power Series - 175

TE Internal #: 1604037-1

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

[View on TE.com >](#)

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

Contact Type

Blade

Termination Features

Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Panel Mount Feature

Without

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)

19.06 mm [.75 in]

Housing Color

Yellow

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]

Compatible Insulation Diameter Range

18 mm [.7 in]

Wire Size

41444 – 118412 CMA

Usage Conditions

Operating Temperature Range

-20 – 105 °C [-4 – 221 °F]

Operation/Application

Circuit Application

Power

Industry Standards

UL Rating

Recognized

Agency/Standard

UL

Approved Standards

UL E28476

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity

50

Packaging Method

Bag & Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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

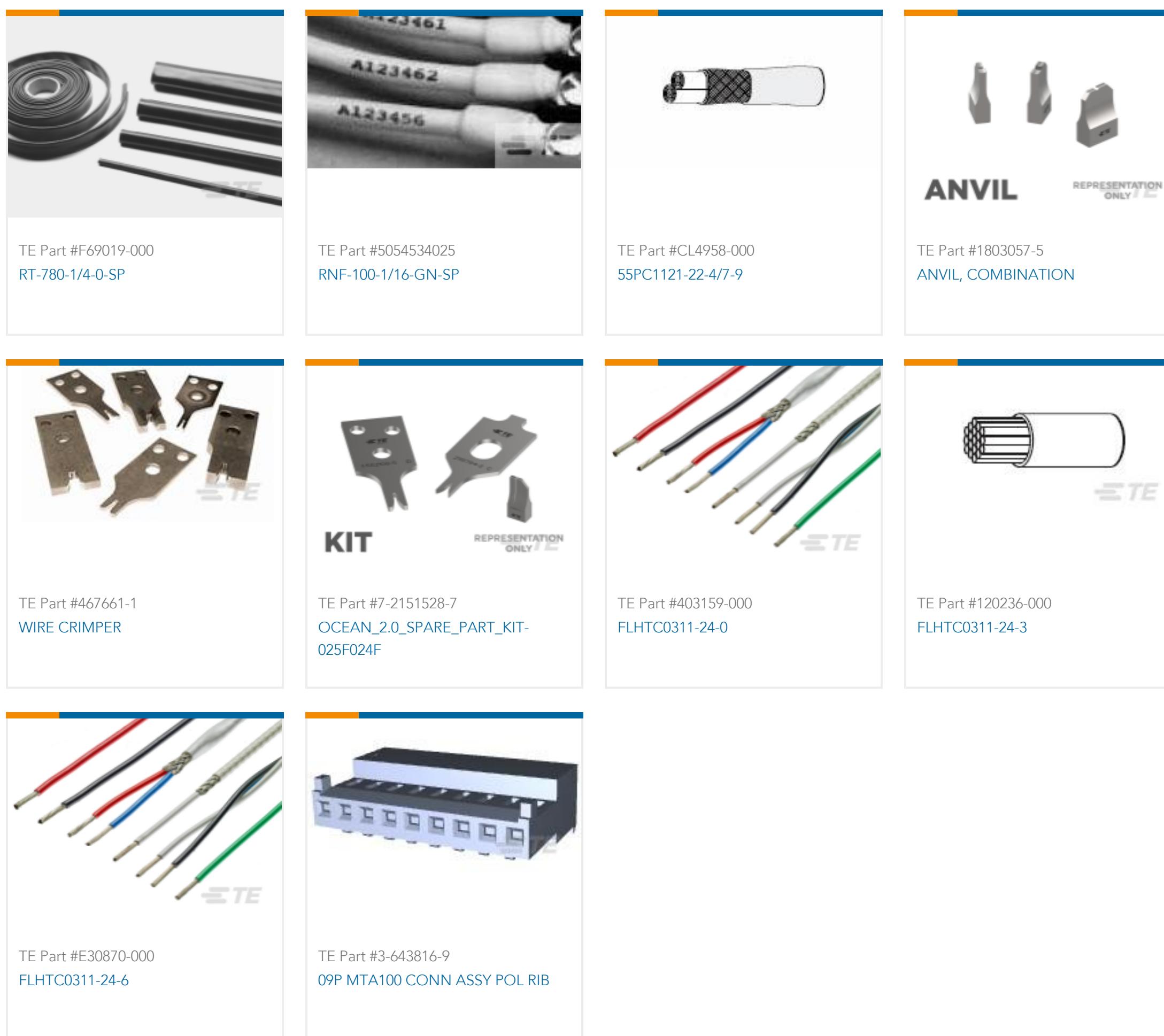
Product Compliance Disclaimer

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



Customers Also Bought



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

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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