# 1604037-4 ✔ ACTIVE

AMP Power Series - 175

TE Internal #: 1604037-4

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

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

| | |
|---|---|
| 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 |

### Contact Features

| | |
|---|---|
| Contact Retention Within Housing | Without |

## 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) | 19.06 mm[.75 in] |
| Housing Color | Gray |
| Housing Material | Polycarbonate |

## Dimensions

| | |
|---|---|
| Wire Size | 41444 – 118412 CMA |
| Width | 53.5 mm[2.11 in] |
| Accepts Wire Insulation Diameter Range | 18 mm[.7 in] |
| Height | 25.4 mm[1 in] |
| Length | 78.2 mm[3.08 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/Box |
| Packaging Quantity | 50 |

## 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 2021 (211)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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

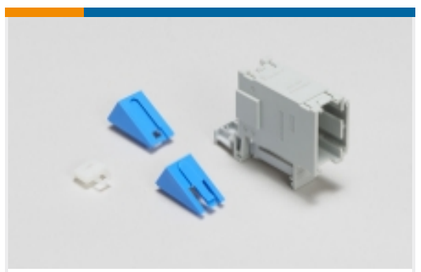
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 1604043-4
KIT,175A,2 AWG,GRAY

## Also in the Series | AMP Power Series - 175



Rectangular Connector Adapters(4)



Rectangular Power Connectors(12)

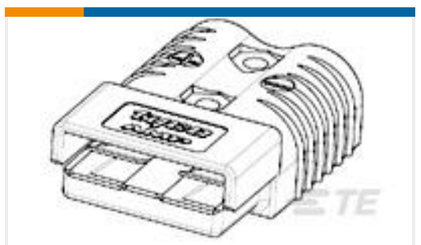
## Customers Also Bought



TE Part #1445957-1
HSG SUB ASY,BLUE



TE Part #1445957-2
HSG SUB ASY,BLACK



TE Part #1604037-3
175A HOUSING SUB-ASSY,RED



TE Part #151614-1
110 MINI FASTON,REC.,24-20 AWG, PTBR



TE Part #1062-20-0222
DEUTSCH STAMPED & FORMED CONTACTS



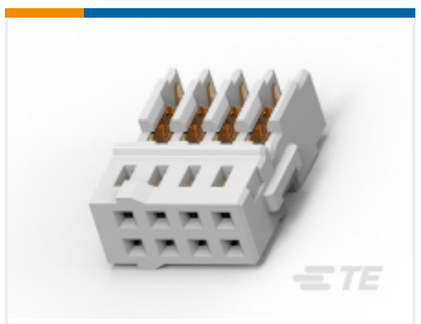
TE Part #1423675-9
W57-XB7A4A10-15=CKTBKR,THERM,P



TE Part #1-342756-0
6 WAY POS. MATE RECEPT. HSG.W



TE Part #EG41060001
ES-CAP-NO.2-B9-0-50MM



TE Part #1241020-1
MODU TSP BU-GEH2X4P

## Documents

### Product Drawings

175A HOUSING SUB-ASSY,GRAY

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1604037-4_O.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1604037-4_O.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1604037-4_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

## Instruction Sheets

### Instruction Sheet (U.S.)

English