

1445715-8

✓ ACTIVE

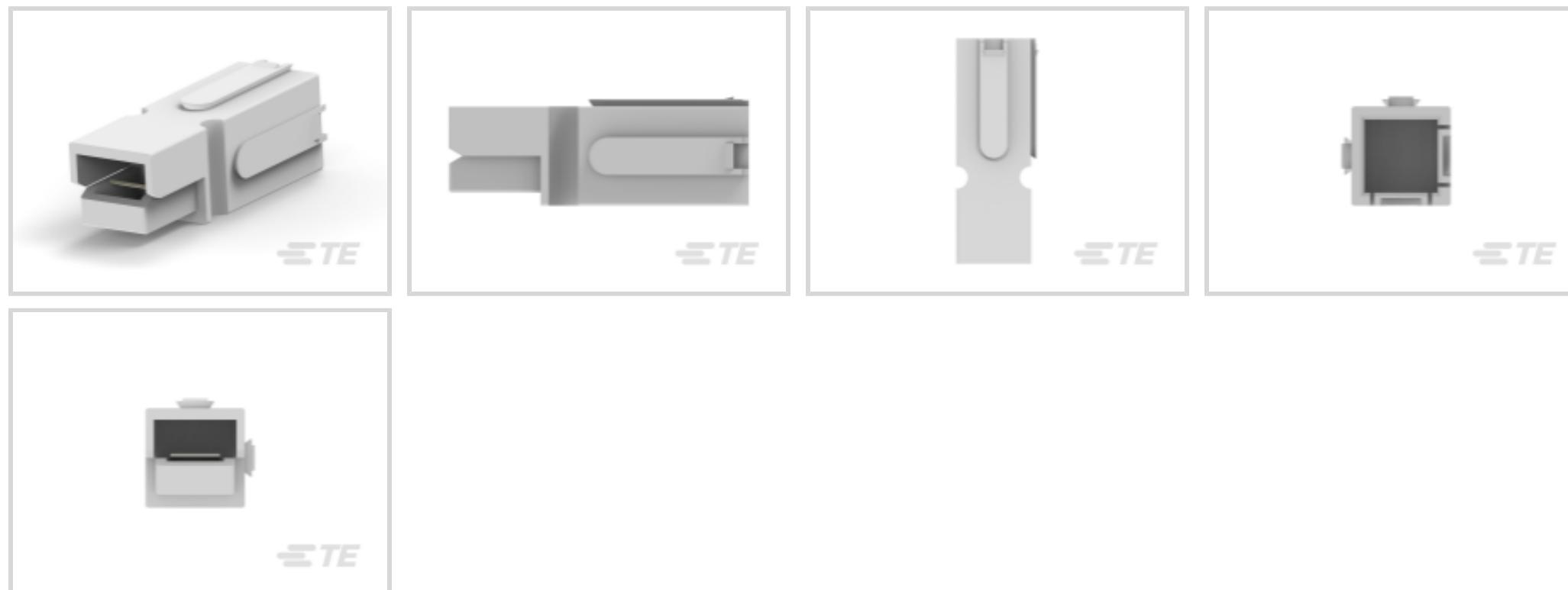
AMP Power Series - 75

TE Internal #: 1445715-8

Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-0, AMP Power Series - 75

[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: **1**Sealable: **No****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 | 1 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

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

| | |
|---------------|-------|
| Housing Color | White |
|---------------|-------|

| | |
|------------------|---------------|
| Housing Material | Polycarbonate |
|------------------|---------------|

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 17.15 mm[.675 in] |
|------------------|-------------------|

| | |
|---------------|-------------------|
| Product Width | 17.15 mm[.675 in] |
|---------------|-------------------|

| | |
|----------------|----------------|
| Product Length | 48 mm[1.89 in] |
|----------------|----------------|

| | |
|-----------|-------------------|
| Wire Size | 25656 – 27629 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 | 300 |
|--------------------|-----|

| | |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

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>

Compatible Parts



TE Part # 1445716-8
KIT 6AWG WHITE W/LOCK

Also in the Series | [AMP Power Series - 75](#)

Rectangular Power Connectors(18)

Customers Also Bought



Documents

Product Drawings

75A HSG SUBASY WHITE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1445715-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445715-8_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445715-8_A.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