

6-292156-6 ✓ ACTIVE

## AMP CT

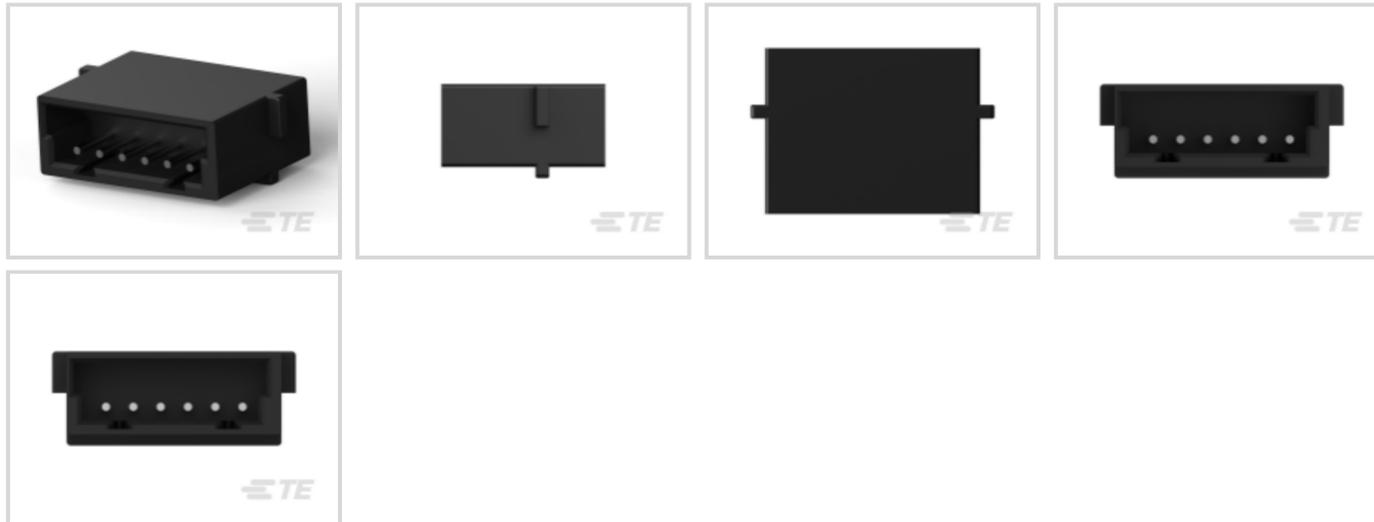
TE Internal #: 6-292156-6

5 Position, Plug to Plug Relay Header, Connector Assembly, Wire-to-Board / Wire-to-Wire, UL 94V-0, 2 mm [.078 in] Centerline, 1 Row, 125 VAC, AMP CT

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > CT Relay Header Assembly: Free Hanging



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug to Plug Relay Header**

Connector System: **Wire-to-Board, Wire-to-Wire**

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-0**

[All CT Relay Header Assembly: Free Hanging \(17\)](#)

## Features

### Product Type Features

|                          |                             |
|--------------------------|-----------------------------|
| Connector Product Type   | Connector Assembly          |
| Connector & Housing Type | Plug to Plug Relay Header   |
| Connector System         | Wire-to-Board, Wire-to-Wire |
| Sealable                 | No                          |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 5 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 125 VAC |
|-------------------|---------|

### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

### Contact Features



|                                  |         |
|----------------------------------|---------|
| Contact Base Material            | Brass   |
| Contact Type                     | Pin     |
| Contact Retention Within Housing | Without |
| Contact Current Rating (Max)     | 2 A     |

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Panel Mount Feature     | Without                    |
| Mating Retention        | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | Nylon 66       |
| Centerline (Pitch) | 2 mm [.078 in] |

### Dimensions

|                               |                               |
|-------------------------------|-------------------------------|
| Panel Thickness (Recommended) | .81 – 1.6 mm [.032 – .063 in] |
| Connector Height              | 12 mm [.472 in]               |
| Connector Length              | 15.8 mm [.622 in]             |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|   |          |
|---|----------|
| Compatible With Agency/Standards Products   | CSA, UL  |
| Compatible With Approved Standards Products | UL       |
| UL Flammability Rating                      | UL 94V-0 |

### Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Method   | Bag & Box |
| Packaging Quantity | 400       |

### 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability   |

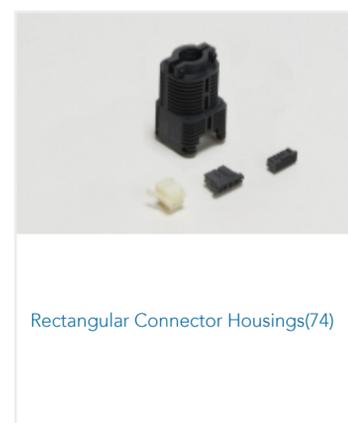
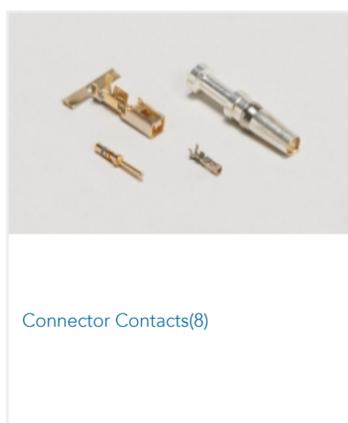
Product Compliance Disclaimer

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



## Also in the Series | AMP CT





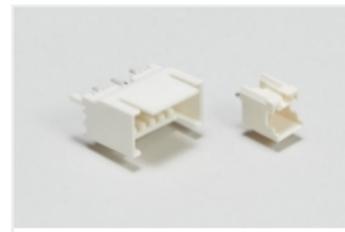
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)

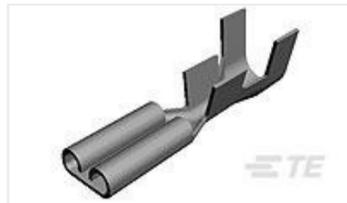
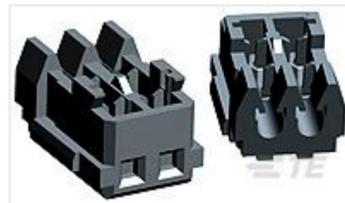


Wire-to-Board Connector Assemblies &amp; Housings(165)



Wire-to-Board Headers &amp; Receptacles (739)

## Customers Also Bought

TE Part #170038-2  
187 FASTON,REC.,20-16 AWG,TPBRTE Part #170048-2  
110 FASTON,REC.,24-20 AWG,TPBRTE Part #171822-3  
EIS REC. HSG 3P-NATURALTE Part #171822-6  
EIS REC. HSG 6P-NATURALTE Part #CAT-AM7017-H8172  
AMP COMMON TERMINATION HOUSINGSTE Part #292156-6  
CT RELAY HDR ASSY FREE HANGINGTE Part #353293-6  
MINI CT MT REC ASSY 6P GRAYTE Part #1-480710-0  
15P UMNL PLUG HSG NATL

## Documents

### Product Drawings

#### CT RELAY HDR ASSY FREE HANGING

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-292156-6\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-292156-6\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-292156-6\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



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**Product Specifications**

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

**Product Specification**

Japanese