

2-292156-6 ✓ ACTIVE



## AMP CT

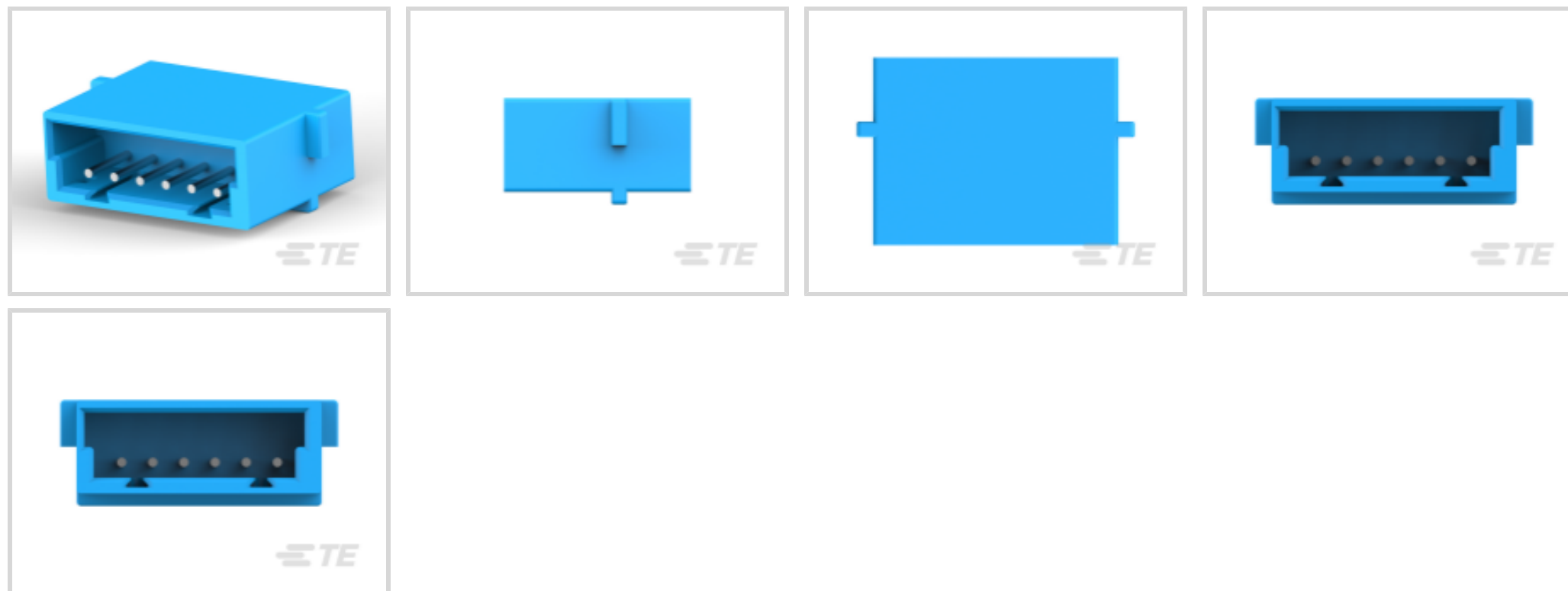
TE Internal #: 2-292156-6

Connector Assembly, Plug to Plug Relay Header, Wire-to-Board /  
Wire-to-Wire, 6 Position, .078 in [2 mm] Centerline, 1 Row, Blue,  
Signal, AMP CT

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >

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**

Number of Positions: **6**

Centerline (Pitch): **2 mm [ .078 in ]**

[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 | 6 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 125 V |
|-------------------|-------|

### Body Features

|                       |      |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|



### Contact Features

|                                  |         |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
| Contact Type                     | Pin     |
| Contact Base Material            | Brass   |
| 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

|                               |                               |
|-------------------------------|-------------------------------|
| Connector Length              | 15.8 mm [.622 in]             |
| Panel Thickness (Recommended) | .81 – 1.6 mm [.032 – .063 in] |
| Connector Height              | 12 mm [.472 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 Recognized |
| UL Flammability Rating                      | UL 94V-0      |

### Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 400       |
| 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: JUNE 2023 (235)

SVHC > Threshold:

Melamine (3% in Component Part)

**Article Safe Usage Statements:**

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # CAT-AM7017-C7671  
Common Termination Contacts —  
POWER TRIPLE LOCK



TE Part # CAT-AM7017-H8172  
AMP COMMON TERMINATION  
HOUSINGS

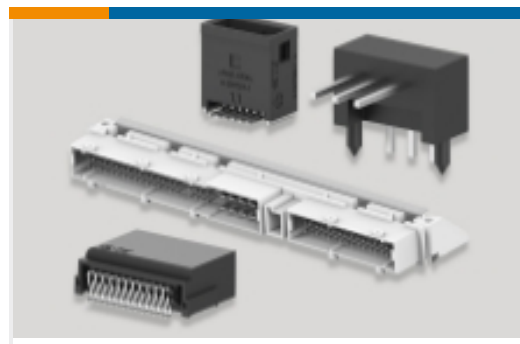
## Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)

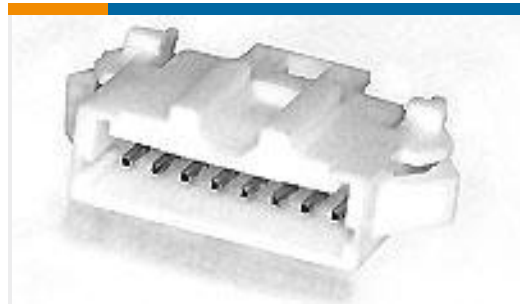


Wire-to-Board Connector Assemblies & Housings(255)

## Customers Also Bought



TE Part #179228-9  
CT CRIMP TYPE REC HSG



TE Part #292215-6  
MINI CT SGL RELAY 6P NAT



TE Part #2-353294-4  
AMP MINI D/R HDR HSG 24P NATU



TE Part #292182-8  
PLUG ASS'Y OF HYB DRAWER 12P



TE Part #2-353293-6  
1.5MM CT MT REC ASS'Y 6P BLACK



TE Part #3-353293-7  
1.5MM CT MT REC ASSY 17P BLACK



TE Part #3-353293-9  
1.5MM CT MT REC ASSY 19P BLACK



TE Part #2-353293-9  
1.5MM CT MT REC ASS'Y 9P BLACK



TE Part #2-353293-2  
1.5MM CT MT REC ASS'Y 2P BLACK



TE Part #8-292112-2  
MT REC ASSY (#26,28)

## Documents

### Product Drawings

[CT RELAY HDR ASSY FREE HANGING](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2-292156-6\\_A.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-292156-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-292156-6\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

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

Japanese

[Product Specification](#)

Japanese