# 292254-7 ✔ ACTIVE

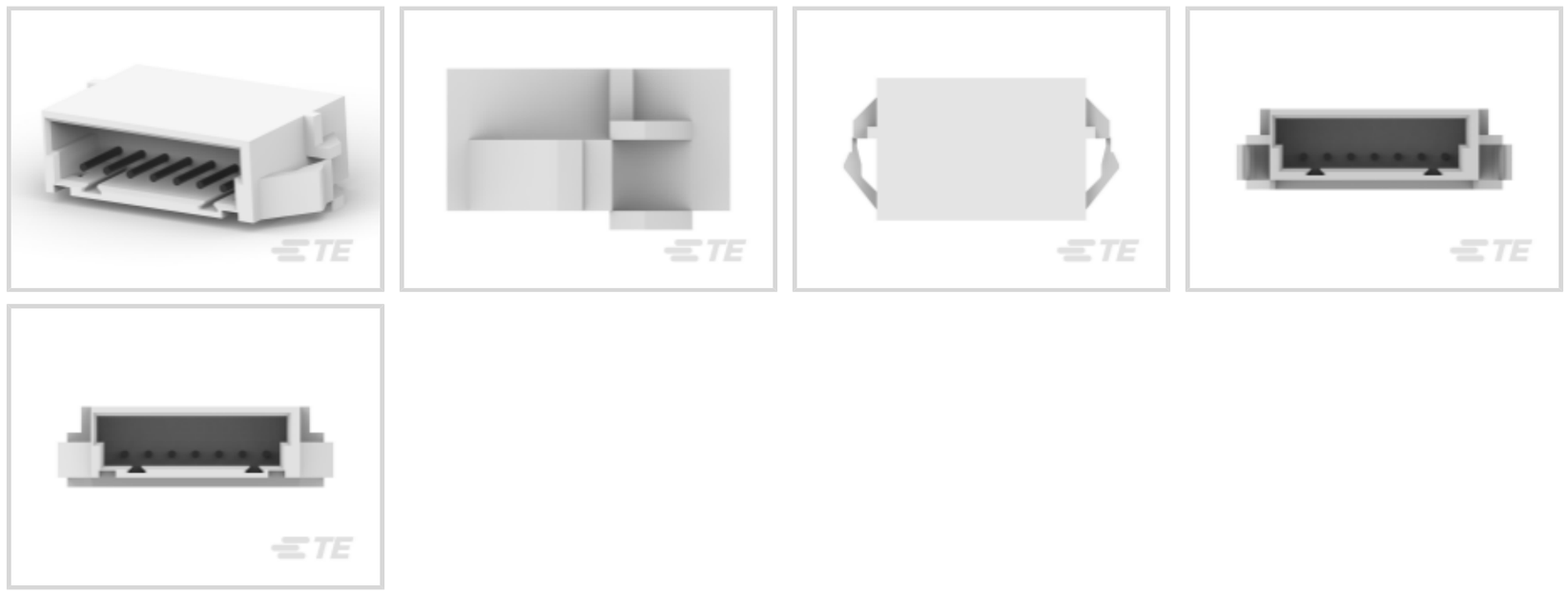
AMP CT

TE Internal #: 292254-7

AMP CT, Connector Assembly, Plug to Plug Relay Header, Wire-to-Panel, 7 Position, 2mm [.078in] Centerline, 1 Row, Natural Housing Color

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP COMMON TERMINATION HEADERS



Connector Product Type: **Connector Assembly**

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

Connector System: **Wire-to-Panel**

Number of Positions: **7**

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

All AMP COMMON TERMINATION HEADERS (248)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 7 |
| Number of Rows | 1 |

### Electrical Characteristics

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

### Contact Features

| | |
|---|---|
| Contact Layout | In-line |

| | |
|---|---|
| Contact Retention Within Housing | Without |
| Contact Type | Pin |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 4 A |

## Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Panel Mount Feature | With |
| Panel Mount Feature Type | Latches |
| Mating Retention Type | Locking Latch |
| Mating Retention | With |
| Connector Mounting Type | Panel Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Length | 17.78 mm[.699 in] |
| Panel Thickness (Recommended) | .81 – 1.6 mm[.032 – .063 in] |
| Connector Height | 12 mm[.472 in] |
| Connector Width | 6 mm[.236 in] |

## Usage Conditions

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

## Operation/Application

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

## Industry Standards

| | |
|---|---|
| CSA Rating | Certified |
| Approved Standards | UL Recognized |
| UL Flammability Rating | UL 94V-0 |
| UL File Number | E28476 |
| UL Rating | Recognized |
| Agency/Standard | CSA, UL |
| CSA Certified | Yes |

| | |
|---|---|
| CSA File Number | LR 7189 |

### 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # CAT-AM7017-C7671
AMP COMMON TERMINATION CONTACTS

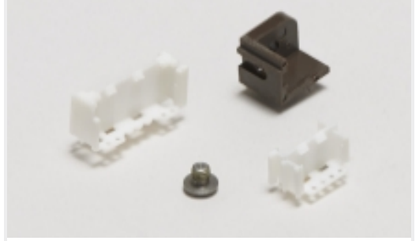


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

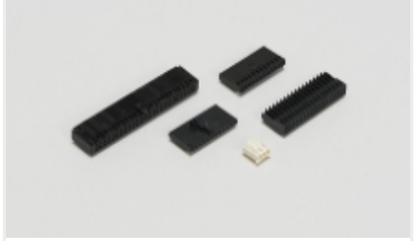


TE Part # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

## Also in the Series | AMP CT



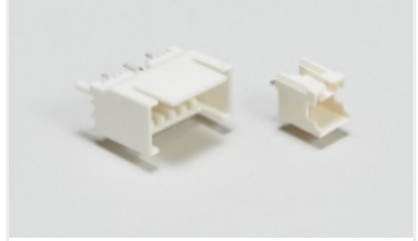
PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)



Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

## Customers Also Bought



TE Part #1-292254-2
AMP COMMON TERMINATION HEADERS



TE Part #1-292215-3
MINI CT SGL RELAY 13P NAT



TE Part #1-353293-8
MINI CT MT REC ASSY 18P GRAY



TE Part #1-353293-3
MINI CT MT REC ASSY 13P GRAY



TE Part #1-292215-5
MINI CT SGL RELAY 15P NAT



TE Part #1-353908-2
Mini Common Termination (CT) Housings



TE Part #936154-1
MULTILOCK, CONNECTOR HOUSING



TE Part #1-969489-4
6POS MQS REC COD A

## Documents

### Product Drawings

CT RELAY HDR ASSY 7P NAT

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292254-7_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292254-7_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292254-7_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

## Product Specifications

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

Japanese

Product Specification

Japanese

## Product Environmental Compliance

MD_292254-7_070220182324_dmtec

English

MD_292254-7_070220182324_dmtec

English