

1-292254-2 ✓ ACTIVE

AMP CT

TE Internal #: 1-292254-2

Connector Assembly, Plug to Plug Relay Header, Wire-to-Panel, 12 Position, 2 mm [.078 in] Centerline, 1 Row, Natural, Mating Retention, Signal, AMP CT

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



Connector Product Type: **Connector Assembly**

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

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

Number of Positions: **12**

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

**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 | 12 |
| 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              | 27.78 mm [1.093 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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<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>

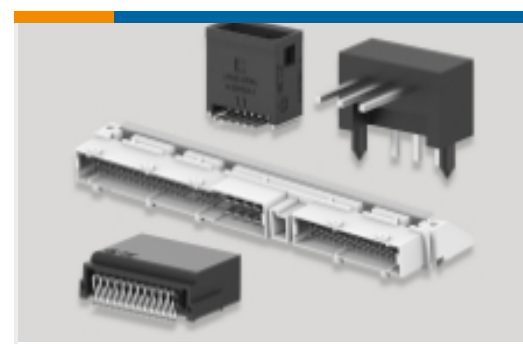
### Compatible Parts



Also in the Series | **AMP CT**



PCB Connector Mounting(46)

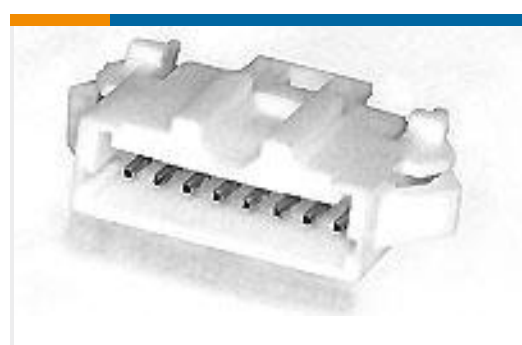


PCB Headers &amp; Receptacles(756)

Wire-to-Board Connector Assemblies  
& Housings(257)

Wire-to-Board Connector Contacts(8)

## Customers Also Bought

TE Part #1-173977-2  
AMP COMMON TERMINATION  
HOUSINGSTE Part #1-353908-7  
CT REC HSG 17P CRIMP TYPE WHITTE Part #1-292254-0  
CT RELAY HDR ASSY 10P NATTE Part #292254-5  
CT RELAY HDR ASSY 5P NATTE Part #1-292215-6  
MINI CT SGL RELAY 16P NATTE Part #292254-7  
CT RELAY HDR ASSY 7P NATTE Part #292254-4  
AMP COMMON TERMINATION  
HEADERS

## Documents

### Product Drawings

[CT RELAY HDR ASSY 12P NAT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292254-2\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292254-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292254-2\\_D.3d\\_stp.zip](#)

English

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



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### Datasheets & Catalog Pages

[2.0MM\\_AMP\\_CT\\_CONNECTOR\\_SERIES\\_QUICK\\_REF\\_GUIDE](#)

English

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### Product Specifications

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

Japanese

[Product Specification](#)

Japanese

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### Product Environmental Compliance

[MD\\_1-292254-2\\_02022017735\\_dmtec](#)

English

[MD\\_1-292254-2\\_02022017735\\_dmtec](#)

English