



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: **16**  
Centerline (Pitch): **1.5 mm [ .059 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 | 16 |
| Number of Rows      | 1  |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | White |
|-----------------------|-------|

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      | 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) | 1.5 mm[.059 in] |

Dimensions

|                               |                              |
|-------------------------------|------------------------------|
| Connector Length              | 32.1 mm[1.264 in]            |
| Panel Thickness (Recommended) | .81 – 1.6 mm[.032 – .063 in] |
| Connector Height              | 11.8 mm[.464 in]             |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 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 | 600       |
| Packaging Method   | Bag & Box |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

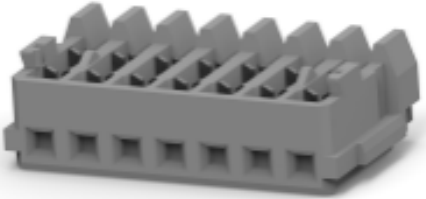


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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



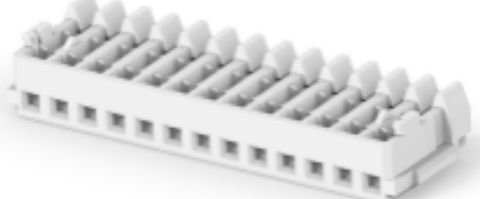
TE Part # CAT-AM7053-H8172  
Mini Common Termination (CT) Housings



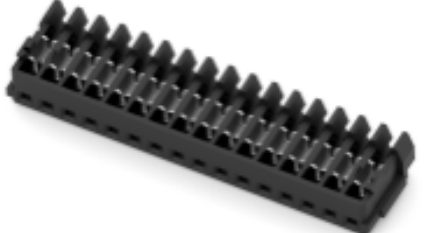
TE Part # CAT-AM7053-C7671  
Mini Common Termination Contacts



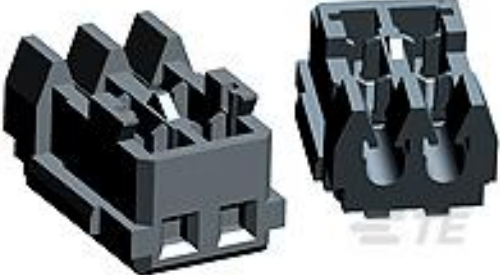
TE Part # 1-353293-6  
MINI CT MT REC ASSY 16P GRAY



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



TE Part # 3-353293-6  
1.5MM CT MT REC ASSY 16P BLACK



TE Part # 6-353293-6  
MINI CT MT REC ASSY 16P BLUR

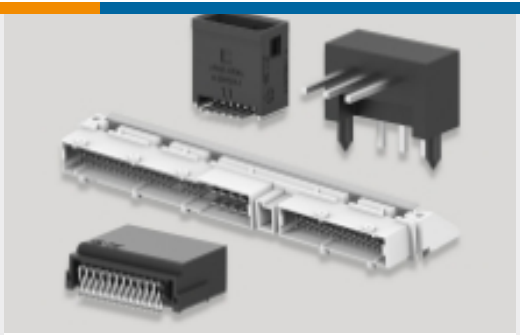
Also in the Series | AMP Mini CT



Connector Contacts(4)



Connector Hardware(10)



PCB Headers & Receptacles(332)



Wire-to-Board Connector Assemblies & Housings(172)

Customers Also Bought



TE Part #173977-9  
CT CONN MT REC ASSY 9P



TE Part #292254-9  
CT RELAY HDR ASSY 9P NAT



TE Part #292254-8  
CT RELAY HDR ASSY 8P NAT



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



TE Part #292215-4  
MINI CT SGL RELAY 4P NAT



TE Part #292215-9  
MINI CT SGL RELAY 9P NAT



TE Part #3-353293-1  
1.5MM CT MT REC ASSY 11P BLACK



TE Part #3-353293-4  
1.5MM CT MT REC ASSY 14P BLACK



TE Part #4-353293-0  
1.5MM CT MT REC ASSY 20P BLACK



TE Part #2-292215-3  
MINI CT SGL RELAY 3P BLACK

Documents

Product Drawings

MINI CT SGL RELAY 16P NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-292215-6\_B.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292215-6\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-292215-6\\_B.3d\\_stp.zip](#)

English

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

Product Specifications

[Workmanship Specification](#)

English