

AMP Mini CT

TE Internal #: 1-353908-2

AMP Mini CT, Housing, Receptacle, Wire-to-Panel / Wire-to-Board / Wire-to-Wire, 12 Position, 1.5mm [.059in] Centerline, Crimp, 1 Row

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

Mini Common Termination (CT) Housings



Connector Product Type: **Housing**  
Connector & Housing Type: **Receptacle**  
Connector System: **Wire-to-Board, Wire-to-Panel, Wire-to-Wire**  
Number of Positions: **12**  
Centerline (Pitch): **1.5 mm [ .059 in ]**

[All Mini Common Termination \(CT\) Housings \(38\)](#)

Features

Product Type Features

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Connector Product Type            | Housing                                    |
| Connector & Housing Type          | Receptacle                                 |
| Connector System                  | Wire-to-Board, Wire-to-Panel, Wire-to-Wire |
| Sealable                          | No                                         |
| Connector & Contact Terminates To | Wire & Cable                               |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 1  |

Electrical Characteristics

|                       |        |
|-----------------------|--------|
| Insulation Resistance | 500 MΩ |
| Operating Voltage     | 50 VAC |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                              |        |
|------------------------------|--------|
| Contact Layout               | Inline |
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 3 A    |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material            | Nylon 66         |
| Centerline (Pitch)          | 1.5 mm[.059 in]  |
| Housing Color               | White            |

Dimensions

|                                        |                               |
|----------------------------------------|-------------------------------|
| Connector Length                       | 19.5 mm[.768 in]              |
| Connector Height                       | 6 mm[.236 in]                 |
| Connector Width                        | 3.6 mm[.141 in]               |
| Accepts Wire Insulation Diameter Range | .85 – 1.05 mm[.033 – .041 in] |
| Wire Size                              | .05 – .22 mm²                 |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0                      |
| UL File Number         | E28476                        |
| Agency/Standard        | CSA, UL                       |



|                 |             |
|-----------------|-------------|
| CSA File Number | LR 7189-133 |
|-----------------|-------------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1500 |
| Packaging Method   | 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-AM7053-H342  
MINI COMMON TERMINATION HEADERS



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



TE Part # 1-292215-2  
MINI CT SGL RELAY 12P NAT



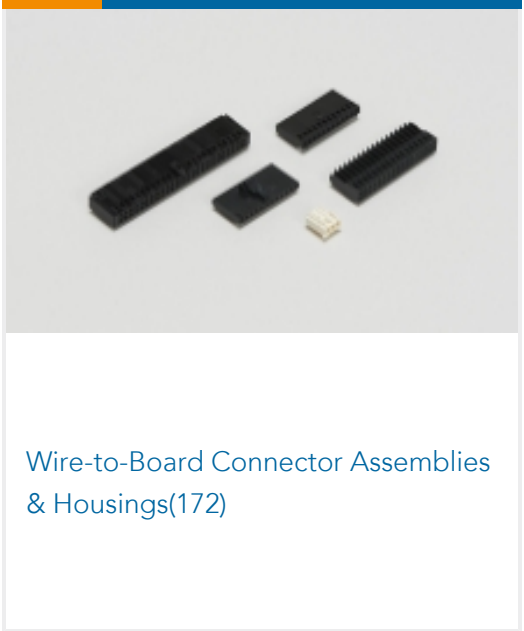
TE Part # CAT-AM7053-C7671  
MINI COMMON TERMINATION CONTACTS



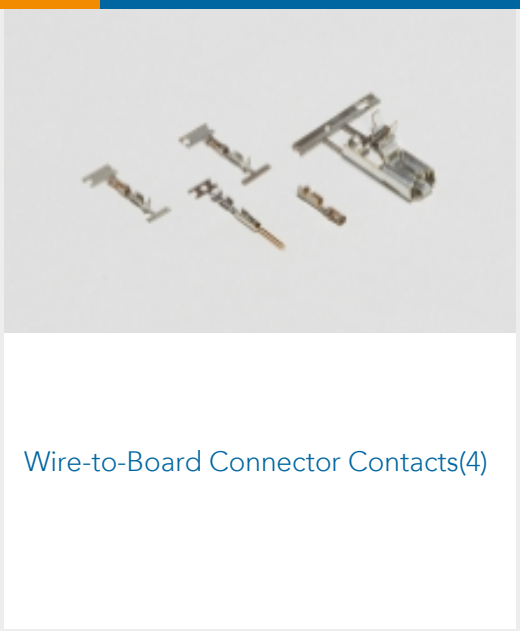
Also in the Series | AMP Mini CT



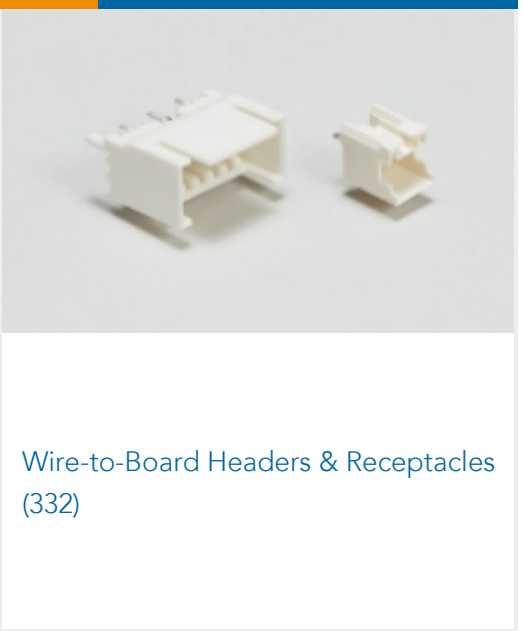
PCB Connector Mounting(10)



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



Wire-to-Board Connector Contacts(4)



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



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



TE Part #1-353908-3  
Mini Common Termination (CT) Housings



TE Part #1-292207-2  
MINI 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



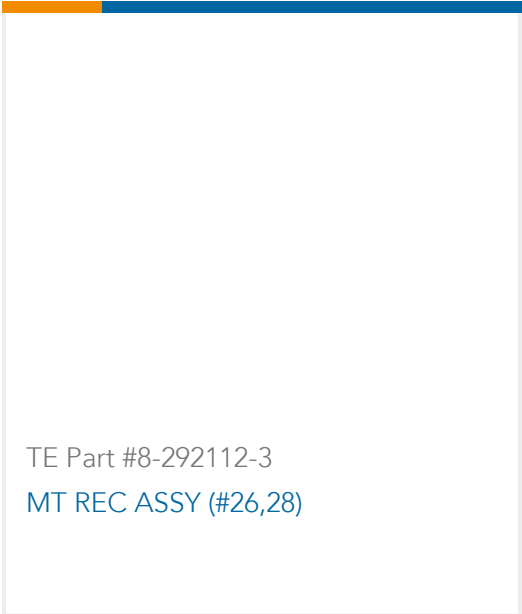
TE Part #1-353293-3  
MINI CT MT REC ASSY 13P GRAY



TE Part #1-353293-2  
MINI CT MT REC ASSY 12P GRAY



TE Part #1-353293-5  
1.5 MINI-CT RECEPTACLE



TE Part #8-292112-3  
MT REC ASSY (#26,28)



Documents

Product Drawings

CT REC HSG 12P CRIMP TYPE WHIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-353908-2\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-353908-2\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-353908-2\_P.3d\_stp.zip

English

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

Datasheets & Catalog Pages

6-1773454-5\_AMP\_Mini\_CT\_Connector\_Series\_QRG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD\_1-353908-2\_04202016148\_dmtec

English

MD\_1-353908-2\_04202016148\_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

1.5mm Pitch Mini CT DC Drawer Connector SF Type

Japanese

Instruction Sheet (non U.S.)

Japanese

1.5mm Pitch Mini CT Hybrid Drawer Connector SF Type

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet for Mini CT DC Drawer Connector SF Type



Japanese

[1.5mm Pitch Mini CT Hybrid Drawer Connector Slim Type](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese