

2-292262-4 ✓ ACTIVE

AMP Mini CT

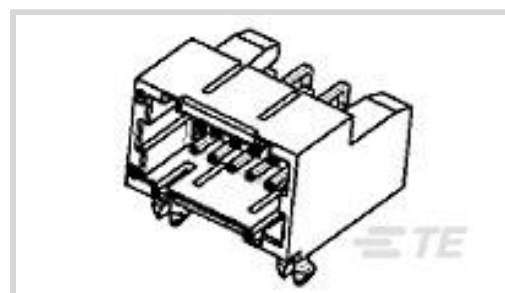
TE Internal #: 2-292262-4

PCB Mount Header, Right Angle, Wire-to-Board, 24 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Number of Positions: **24**

Number of Rows: **2**

Features

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VDC |
|-------------------|--------|

Dimensions

| | |
|-----------------------------|-------------------|
| Connector Width | 9.1 mm[.358 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Connector Height | 13.15 mm[.518 in] |
| Connector Length | 23.5 mm[.925 in] |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 520 |
| Packaging Method | Tray |

Industry Standards

| | |
|---------------------------------------------|-----------------------|
| Compatible With Agency/Standards Products | UL, CSA |
| Compatible With Approved Standards Products | UL E28476, CSA LR7189 |
| UL Flammability Rating | UL 94V-0 |

Operation/Application

| | |
|--------------------------|----------------------|
| Assembly Process Feature | Pick and Place Cover |
| Circuit Application | Signal |

Mechanical Attachment

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|



| | |
|--------------------------|--------------|
| Mating Alignment Type | Polarization |
| PCB Mount Retention Type | Boardlock |
| PCB Mount Retention | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Termination Features

| | |
|------------------------------------------|-----------------------|
| Termination Post & Tail Length | 3 mm[.118 in] |
| Square Termination Post & Tail Dimension | .5 mm[.02 in] |
| Termination Method to PCB | Through Hole - Solder |

Contact Features

| | |
|---------------------------------------------------------|---------------------------|
| Contact Mating Area Plating Material Thickness | 1 μ m[39.37 μ in] |
| Mating Square Post Dimension | .5 mm[.02 in] |
| PCB Contact Termination Area Plating Material Thickness | 1 μ m[39.37 μ in] |
| Contact Shape & Form | Square |
| Contact Layout | Staggered |
| Contact Mating Area Length | 2.9 mm[.114 in] |
| Contact Base Material | Brass |
| PCB Contact Termination Area Plating Material | Pre-Tin |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Current Rating (Max) | 2 A |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | Nylon (G.F) |
| Centerline (Pitch) | 1.5 mm[.059 in] |

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector System | Wire-to-Board |
| Header Type | Fully Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |



Configuration Features

| | |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 24 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Usage Conditions

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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 # 1-353908-2
CT REC HSG 12P CRIMP TYPE WHIT



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

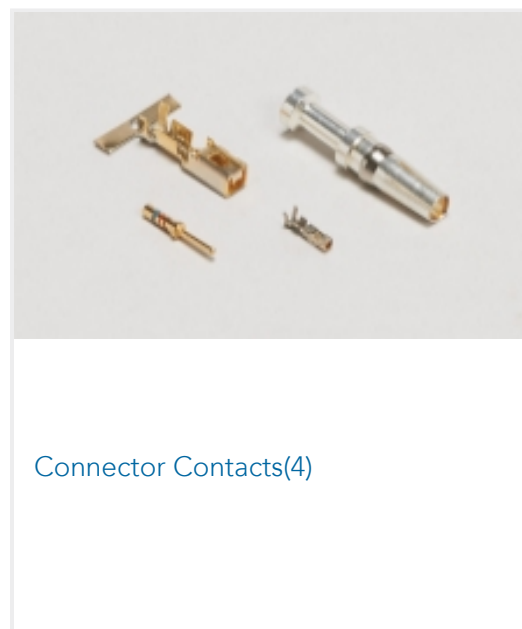


TE Part # CAT-AM7053-C7671
Mini Common Termination Contacts

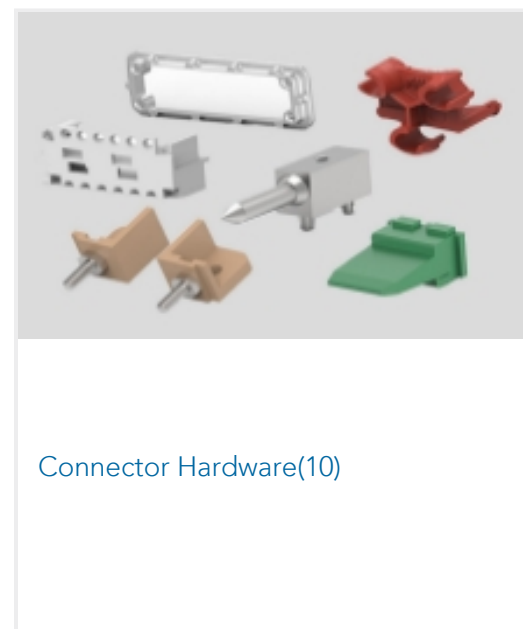


TE Part # 1-353293-2
MINI CT MT REC ASSY 12P GRAY

Also in the Series | AMP Mini CT



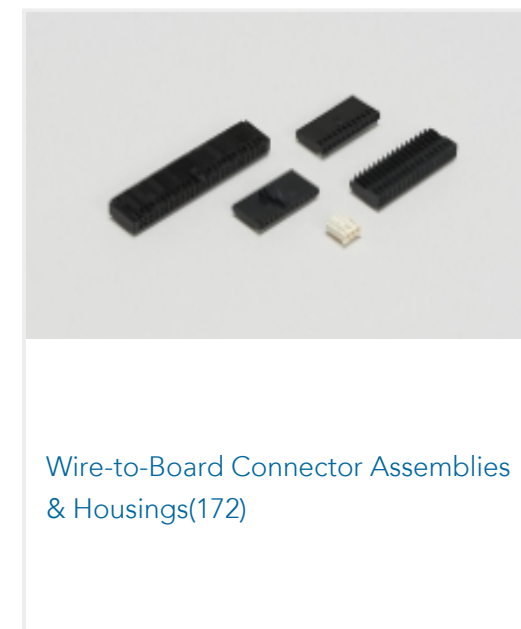
Connector Contacts(4)



Connector Hardware(10)



PCB Headers & Receptacles(332)



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



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #1-2355091-2
MICRO CT CONN SINGLE ROW HDR ASSY(V)12p



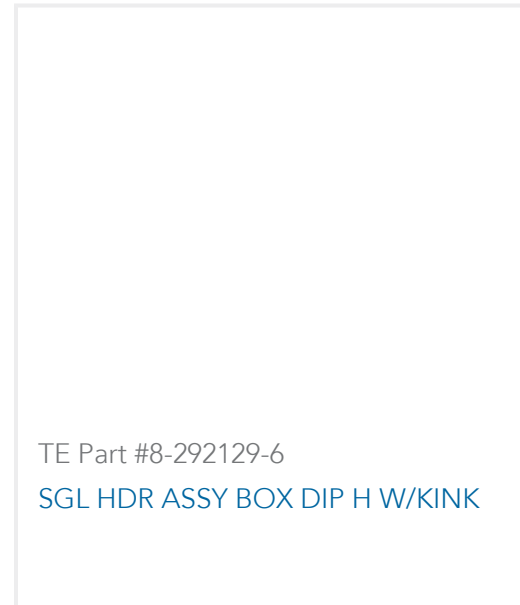
TE Part #1-2355091-4
MICRO CT CONN SINGLE ROW HDR ASSY(V)14p



TE Part #1-2355091-8
MICRO CT CONN SINGLE ROW HDR ASSY(V)18p



TE Part #2-2355091-0
MICRO CT CONN SINGLE ROW HDR ASSY(V)20p



Documents

Product Drawings

[DBL ROW \(H\) DIP TYPE WITH BOAR](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_2-292262-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-292262-4_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_2-292262-4_B.2d_dxf.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English