

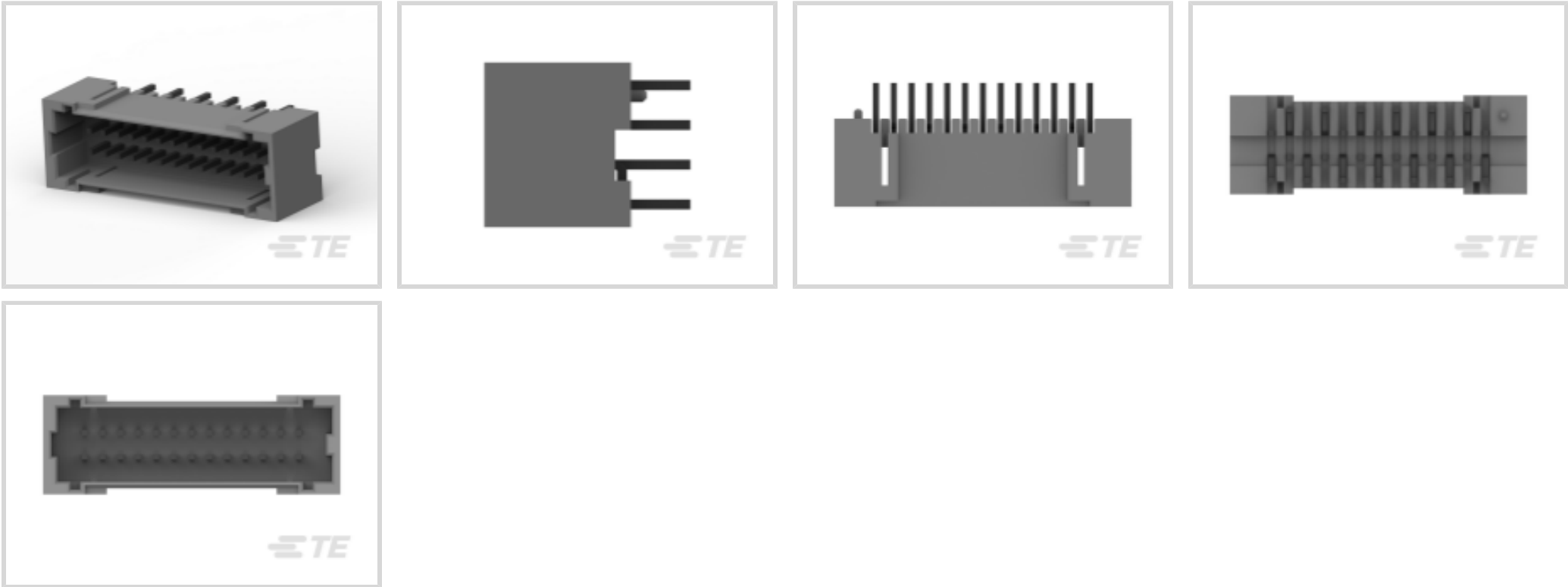


AMP Mini CT

TE Internal #: 2-292208-6  
PCB Mount Header, Vertical, Wire-to-Board, 26 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Wire-to-Board**  
Number of Positions: **26**  
Number of Rows: **2**  
Centerline (Pitch): **1.5 mm [ .059 in ]**  
PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 26       |
| Number of Rows        | 2        |
| PCB Mount Orientation | Vertical |

Electrical Characteristics

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

Body Features

|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|



Contact Features

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| Contact Layout                                          | Staggered       |
| Contact Mating Area Length                              | 2.4 mm[.095 in] |
| Mating Square Post Dimension                            | .5 mm[.02 in]   |
| PCB Contact Termination Area Plating Material Thickness | 1 μm[39.37 μin] |
| Contact Mating Area Plating Material Thickness          | 1 μm[39.37 μin] |
| Contact Shape & Form                                    | Square          |
| Contact Mating Area Plating Material Finish             | Matte           |
| PCB Contact Termination Area Plating Material           | Pre-Tin         |
| Contact Base Material                                   | Brass           |
| Contact Mating Area Plating Material                    | Tin             |
| Contact Type                                            | Pin             |
| Contact Current Rating (Max)                            | 2 A             |

Termination Features

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

Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| PCB Mount Alignment Type | Locating Posts |
| Mating Alignment Type    | Polarization   |
| Mating Retention         | With           |
| PCB Mount Retention Type | Kinked Legs    |
| Connector Mounting Type  | Board Mount    |
| Mating Alignment         | With           |
| PCB Mount Alignment      | With           |
| PCB Mount Retention      | With           |

Housing Features

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

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Length | 24.99 mm[.983 in] |
| Connector Height | 7.4 mm[.291 in]   |
|                  |                   |



|                             |                 |
|-----------------------------|-----------------|
| Connector Width             | 8.3 mm[.326 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Row-to-Row Spacing          | 2 mm[.079 in]   |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 850       |
| Packaging Type     | Box, Tray |

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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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

Also in the Series | AMP Mini CT

Documents

Product Drawings  
MINI CT D/R DIP 26P V NAT  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2-292208-6\_E.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2-292208-6\_E.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2-292208-6\_E.3d\_stp.zip  
English  
3D PDF



English

Customer View Model

[ENG\\_CVM\\_2-292208-6\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_2-292208-6\\_O.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_2-292208-6\\_O.2d\\_dxf.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

Agency Approvals

[UL](#)

English