

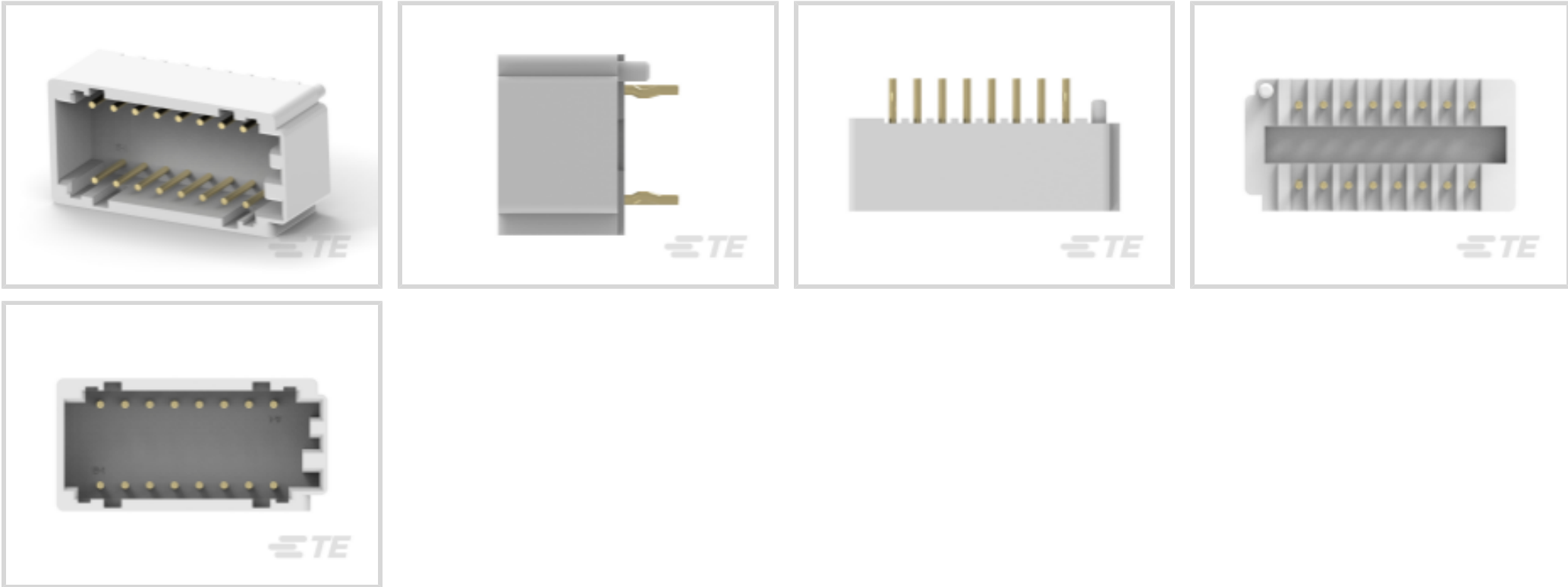


AMP CT

TE Internal #: 1-292252-6  
PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Dbl Row Assembly w/Boss: Vert.



PCB Connector Type: **PCB Mount Header**  
PCB Mount Orientation: **Vertical**  
Connector System: **Wire-to-Board**  
Number of Positions: **16**  
Centerline (Pitch): **2 mm [ .079 in ]**  
[All CT 2mm Dbl Row Assembly w/Boss: Vert. \(25\)](#)

Features

Product Type Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 16       |
| Number of Rows        | 2        |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 125 VDC |
|-------------------|---------|



Body Features

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

Contact Features

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| Mating Pin Diameter                                     | .6 mm[.024 in]  |
| PCB Contact Termination Area Plating Material Thickness | 1 μm[39.37 μin] |
| Contact Shape & Form                                    | Round           |
| Contact Layout                                          | Inline          |
| Contact Mating Area Length                              | 4.7 mm[.185 in] |
| Contact Base Material                                   | Brass           |
| Contact Mating Area Plating Material                    | Tin (Sn)        |
| Contact Mating Area Plating Material Finish             | Bright          |
| Contact Type                                            | Pin             |
| Contact Current Rating (Max)                            | 4 A             |
| PCB Contact Termination Area Plating Material           | Tin             |

Termination Features

|                                  |                       |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .6 mm[.024 in]        |
| Termination Post & Tail Length   | 3.2 mm[.126 in]       |
| Termination Method to PCB        | Through Hole - Solder |

Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| Mating Alignment Type    | Polarization   |
| PCB Mount Retention Type | Kinked Legs    |
| PCB Mount Alignment Type | Locating Posts |
| PCB Mount Alignment      | With           |
| Mating Retention         | Without        |
| PCB Mount Retention      | With           |
| Connector Mounting Type  | Board Mount    |
| Mating Alignment         | With           |

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 2 mm[.079 in] |
| Housing Material   | Nylon         |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 6.5 mm[.255 in] |
|--------------------|-----------------|



|                             |                  |
|-----------------------------|------------------|
| Connector Width             | 21.9 mm[.862 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in]  |
| Connector Height            | 7.5 mm[.295 in]  |
| Connector Length            | 10.7 mm[.421 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 200       |
| Packaging Method   | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                |
| Solder Process Capability                     | Wave solder capable to 240°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>

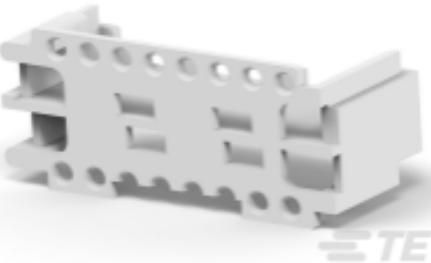
Compatible Parts



TE Part # 1-179608-6  
CT DBL ROW HOLDER,MT,16P,NA



TE Part # 1-175133-6  
CT DOUBLE ROW 16P HOLDER NATU.

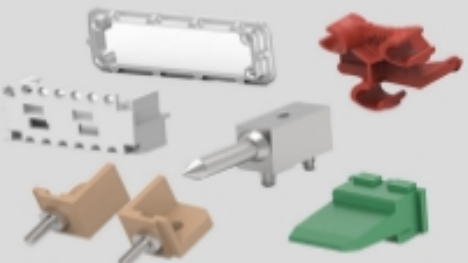


TE Part # 1-179472-6  
CT DBL ROW HOLDER,CRIMP,16P,NA

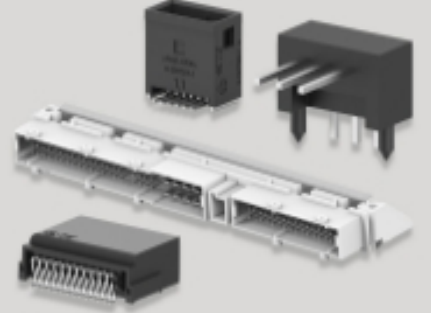
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(39)



PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



Wire-to-Board Connector Assemblies & Housings(165)



Wire-to-Board Headers & Receptacles (739)

Customers Also Bought



TE Part #1-292132-5  
CT P/HDR BOX V 15P NAT

TE Part #CAT-AM7053-H342  
MINI COMMON TERMINATION HEADERS

TE Part #2-292206-2  
MINI CT SGL DIP H 2P BLACK

TE Part #1-292230-4  
1.5 MINI CT SGL V SMT W/BOSS 1

TE Part #1-292230-5  
1.5 MINI CT SGL V SMT W/BOSS 1

TE Part #2-292230-0  
1.5 MINI CT SGL V SMT W/BOSS 2

TE Part #2-292250-2  
CT P/HDR BOX H ASSY 2P W/KINK

TE Part #3-794628-4  
04P MICRO MNL ASSY,R/A,SMT LF

TE Part #1-1318123-1  
DYNAMIC D2100 HDR V ASSY 3P SEQUENTIAL

Documents

Product Drawings

CT DOUBLE ROW ASSY V 16P HDR N

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-292252-6\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-292252-6\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-292252-6\_A.3d\_stp.zip

English

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

Product Specifications



AMP Common Termination(CT), Connector, 2mm Pitch, Crimp Type

English

Product Specification

English

Product Specification

English

CT DOUBLE ROW CONNECTOR, LEAD FREE VERSION

Japanese

Product Specification

Japanese