

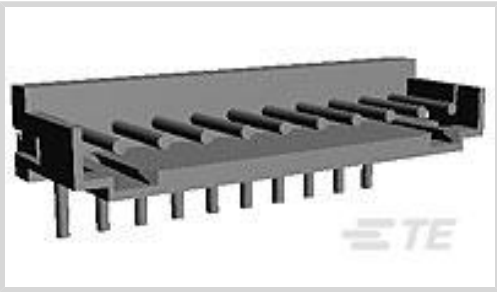


AMP CT

TE Internal #: 292168-2  
PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Header Assembly: Right Angle



Connector System: **Wire-to-Board**  
Number of Positions: **2**  
Number of Rows: **1**  
Centerline (Pitch): **2 mm [ .079 in ]**  
PCB Mount Orientation: **Right Angle**

[All CT 2mm Header Assembly: Right Angle \(176\)](#)

Features

Product Type Features

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

Configuration Features

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 2           |
| Number of Rows        | 1           |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 125 VAC |
|-------------------|---------|

Body Features

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

Contact Features

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| Contact Mating Area Length                              | 4.5 mm[.177 in]             |
| PCB Contact Termination Area Plating Material Thickness | 1 – 2 μm[39.37 – 78.73 μin] |



|                                                |                             |
|------------------------------------------------|-----------------------------|
| Contact Layout                                 | Inline                      |
| Mating Pin Diameter                            | .6 mm[.024 in]              |
| Contact Mating Area Plating Material Thickness | 1 – 2 µm[39.37 – 78.73 µin] |
| Contact Shape & Form                           | Round                       |
| Contact Mating Area Plating Material Finish    | Matte                       |
| PCB Contact Termination Area Plating Material  | Tin                         |
| Contact Base Material                          | Brass                       |
| Contact Mating Area Plating Material           | Tin                         |
| Contact Type                                   | Pin                         |
| Contact Current Rating (Max)                   | 4 A                         |

Termination Features

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

Mechanical Attachment

|                         |              |
|-------------------------|--------------|
| Mating Alignment Type   | Polarization |
| Mating Retention        | Without      |
| Connector Mounting Type | Board Mount  |
| Mating Alignment        | With         |
| PCB Mount Alignment     | Without      |
| PCB Mount Retention     | Without      |

Housing Features

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

Dimensions

|                             |                       |
|-----------------------------|-----------------------|
| Connector Length            | 5.8 mm[.228 in]       |
| Connector Height            | 8.8 mm[.346 in]       |
| Connector Width             | 4 mm[.157 in]         |
| PCB Thickness (Recommended) | .8 mm[.031 – .063 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 105 °F] |
|-----------------------------|----------------------------|

Operation/Application

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



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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 80        |
| Packaging Method   | Box, Tube |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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                     | 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 # CAT-AM7017-C7671  
Common Termination Contacts —  
POWER TRIPLE LOCK

TE Part # CAT-AM7017-H8172  
AMP COMMON TERMINATION  
HOUSINGS

Also in the Series

AMP CT

Connector Contacts(8)

Connector Hardware(46)

PCB Headers & Receptacles(756)

Wire-to-Board Connector Assemblies  
& Housings(255)

Customers Also Bought

TE Part #326861  
PIDG SPD 22-16 COMM 22-18MIL 6

TE Part #1-292253-2  
CT 2mm Header Assembly: Right  
Angle

TE Part #292161-6  
CT P/HDR ASSY V 6P W/KINK NAT

TE Part #1-292161-2  
CT P/HDR ASSY V 12P W/KINK NAT

TE Part #284506-5  
5 POS TERMI-BLOK PLUG STACK 3,

TE Part #1-2176177-7  
CRGH0603 1% 3K3 0.2W

TE Part #382811-2  
SHUNT, ECON, PHBR15 AU, BLUE

TE Part #2041517-1  
MINI USB, RCPT,V/T,DIP, B TYPE,30u"  
Au

Documents

Product Drawings

CT P/HDR ASSY 2P H W/O KINK TU

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_292168-2\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_292168-2\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_292168-2\\_O.3d\\_stp.zip](#)

English

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Product Specifications

[Workmanship Specification](#)

English