

AMP CT

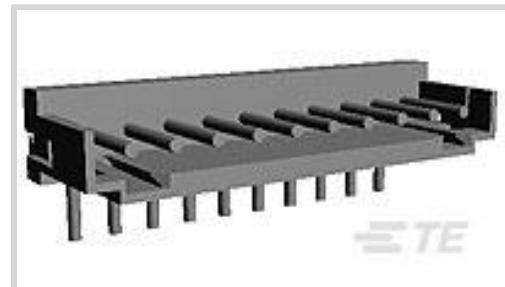
TE Internal #: 292168-2

AMP CT, PCB Mount Header, Right Angle, Wire-to-Board, 2

Position, .079 in [2 mm] Centerline, Partially Shrouded, Tin, Through Hole - Solder

[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
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
Contact Mating Area Length	4.5 mm[.177 in]

PCB Contact Termination Area Plating Material Thickness	1 – 2 μm [39.37 – 78.73 μin]
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]
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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 Type

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: JUL 2021
(219)Candidate List Declared Against: JUL 2021
(219)

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>

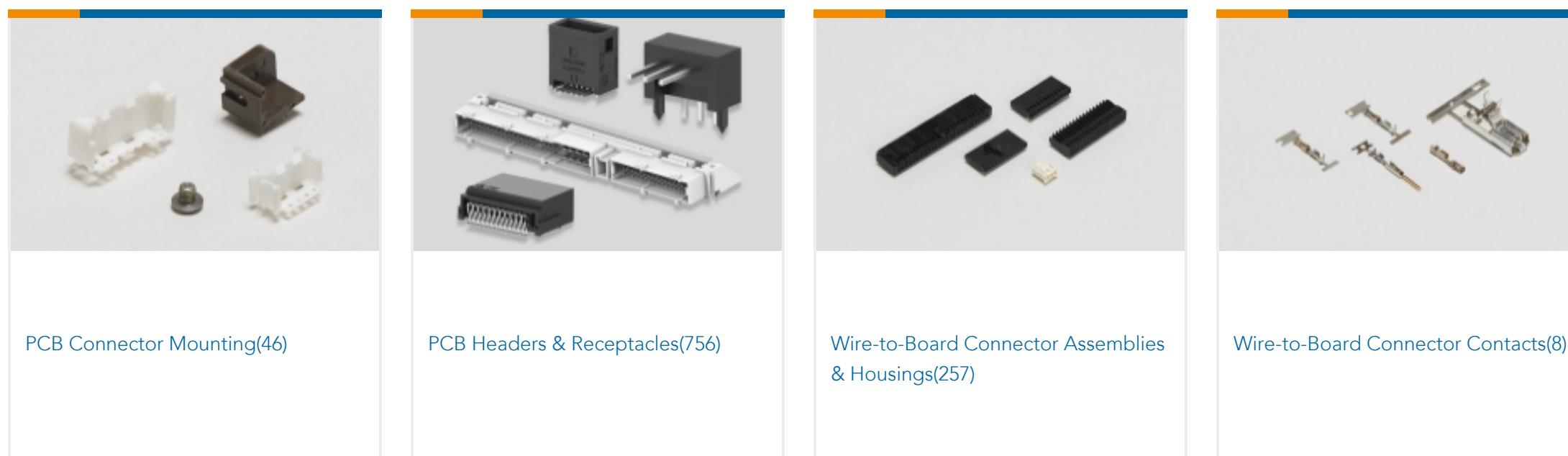
Compatible Parts



TE Part # CAT-AM7017-C7671
 AMP COMMON TERMINATION
 CONTACTS

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

Also in the Series | AMP CT



Customers Also Bought



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

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, M/T TYPE, LEAD FREE VERSION**

Japanese

Product Specification

Japanese