

#### **AMP CT**

TE Internal #: 292253-2

PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 2 mm [.

079 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole -

Solder, AMP CT

View on TE.com >



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







PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Right Angle
Connector System: Wire-to-Board

Number of Positions: 2

Number of Rows: 1

All CT 2mm Header Assembly: Right Angle (176)

## **Features**

## **Product Type Features**

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

## **Configuration Features**

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

## **Electrical Characteristics**

## **Body Features**

Primary Product Color	Natural
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#### **Contact Features**



Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material Thickness	1 μm[39.37 μin]
Contact Layout	Inline
Contact Mating Area Length	4.5 mm[.177 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4 A
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 Retention Type	Detent Window
Mating Retention	Without
PCB Mount Retention Type	Kinked Legs
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

## Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	2 mm[.079 in]

## Dimensions

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



## **Usage Conditions**

Operating Temperature Range	-40 – 105 °C[-40 – 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	500

Bag, Box

## **Product Compliance**

Packaging Method

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



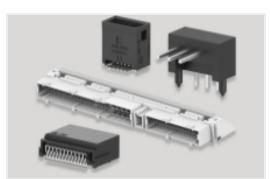
## Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



Rectangular Connector Housings (90)



Rectangular Power Connectors(924)



Standard Rectangular Connectors(176)



Wire-to-Board Connector Assemblies & Housings(79)



Wire-to-Board Headers & Receptacles (756)

# Customers Also Bought



TE Part #1-292231-2

1.5 MINI CT SGL V SMT W/O BOSS



TE Part #1-292231-3
1.5 MINI CT SGL V SMT W/O BOSS

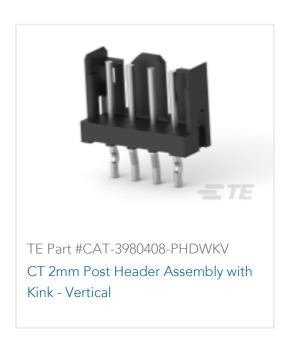


TE Part #1-5745968-5
25 PLUG SP/FMS SCRLK



TE Part #1-292206-2 MINI CT SGL DIP H 12P NAT











## **Documents**

## **Product Drawings**

CT CONN MT HDR ASSY H 2P NAT

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_292253-2\_B1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_292253-2\_B1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_292253-2\_B1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## **Product Specifications**

Workmanship Specification

English