

#### **AMP CT**

TE Internal #: 292173-4

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 2 mm [. 079 in] Centerline, Partially Shrouded, Tin, Surface Mount, Power &

Signal, AMP CT

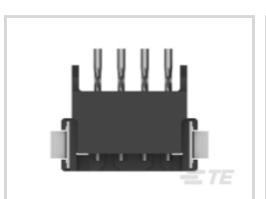
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Connectors > PCB Connectors > PCB Headers & Receptacles > AMP COMMON TERMINATION HEADERS











PCB Connector Assembly Type: PCB Mount Header

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

Number of Positions: 4
Number of Rows: 1

#### All AMP COMMON TERMINATION HEADERS (33)

Compatible With Approved Standards Products

## **Features**

#### **Electrical Characteristics**

Operating Voltage	125 VDC
Dimensions	
Connector Width	9 mm[.354 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	5.8 mm[.228 in]
Connector Length	9.8 mm[.386 in]
Packaging Features	
Packaging Quantity	500
Packaging Method	Box, Tape
Industry Standards	
Compatible With Agency/Standards Products	UL, CSA

UL E28476, CSA LR7189



Operation/Application         Pick and Place Cover           Circuit Application         Power & Signal           Mechanical Attachment         With           Panel Mount Feature         Without           Mating Retention         Without           Mating Alignment Type         Polarization           PCB Mount Retention Type         Solder Peg           PCB Mount Retention         With           PCB Mount Alignment         With           Connector Mounting Type         Board Mount           Mating Alignment         With           Termination Features         With           Termination Post & Tail Diameter         .6 mm (.024 in)           Termination Method to PCB         Surface Mount           Contact Features         .6 mm (.024 in)           Mating Pin Diameter         .6 mm (.024 in)           Contact Mating Area Plating Material Thickness         1 - 2 µm (39.37 - 78.73 µin)           Contact Mating Area Plating Material Thickness         1 - 2 µm (39.37 - 78.73 µin)           Contact Shape & Form         Round           Contact Mating Area Length         4.2 mm (.165 in)           Contact Mating Area Length         4.2 mm (.165 in)           Contact Mating Area Plating Material Finish         Mattre           Contact Mating Are	III Flammability Rating	UL 94V-0
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Housing Features  Housing Material  6T PA(GF)	Contact Type	Pin
Housing Material 6T PA(GF)	Contact Current Rating (Max)	4 A
	Housing Features	
Centerline (Pitch) 2 mm[.079 in]	Housing Material	6T PA(GF)
	Centerline (Pitch)	2 mm[.079 in]



## **Product Type Features**

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

### **Configuration Features**

PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1

## **Body Features**

Primary Product Color	Black

## **Usage Conditions**

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
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#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## **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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Reflow solder capable to 245°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

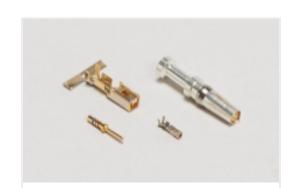








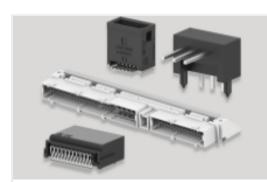
# Also in the Series | AMP CT



Connector Contacts(8)



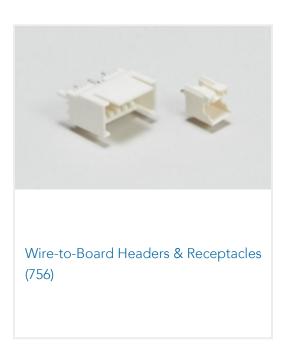
Connector Hardware(46)



PCB Headers & Receptacles(756)



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



Customers Also Bought

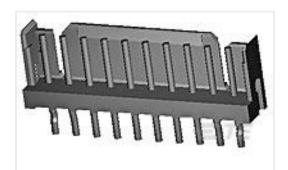




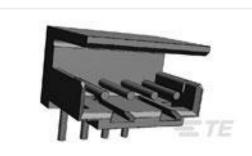
TE Part #86561-6
ROUND WIRE PIN L.P.



TE Part #292171-2 CT POST HDR ASSY 2P IN-TUBE BL



TE Part #292161-4 CT P/HDR ASSY V 4P W/KINK NAT



TE Part #292250-3 CT P/HDR BOX H ASSY 3P W/KINK



TE Part #234464-E SRCA 1,27 10 M 1 SMD 137 E1 094 \* GURT \*



TE Part #364921-E STVR/2 48 MI ABC VVV 4-00 GA06 4,0 \* 247

TE Part #8-292129-3 SGL HDR ASSY BOX DIP H W/KINK

TE Part #8-292131-2 SGL HDR ASSY BOX DIP V POLARIS

TE Part #8-292129-2 SGL HDR ASSY BOX DIP H W/KINK TE Part #8-292129-7 SGL HDR ASSY BOX DIP H W/KINK

#### **Documents**

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_292173-4\_B1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_292173-4\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_292173-4\_B1.3d\_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

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin, Surface Mount, Power & Signal, AMP CT



Agency Approvals

**CSA Certificate** 

English

**CSA Certificate** 

English