

### **AMP CT**

TE Internal #: 292174-5

PCB Mount Header, Vertical, Wire-to-Board, 5 Position, 2 mm [.079

in] Centerline, Partially Shrouded, Tin, Surface Mount, Power &

Signal, AMP CT

View on TE.com >

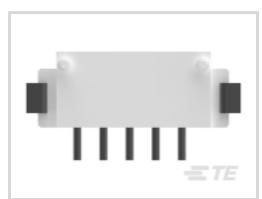


Connectors > PCB Connectors > PCB Headers & Receptacles > CT Box Header SMT: Vert, Shrouded











Connector System: Wire-to-Board

Number of Positions: 5
Number of Rows: 1

Centerline (Pitch): 2 mm [.079 in ]
PCB Mount Orientation: Vertical

All CT Box Header SMT: Vert, Shrouded (34)

## **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	5
Number of Positions  Number of Rows	5 1

125 VAC

## **Body Features**

Operating Voltage



Primary Product Color	Natural
Contact Features	
	4.5 mm[.177 in]
Contact Mating Area Length  PCP Contact Termination Area Plating Material Thickness	
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
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 Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	Without
Panel Mount Feature	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Housing Features	
Housing Material	6T PA(GF)
Centerline (Pitch)	2 mm[.079 in]
Dimensions	
Connector Length	12 mm[.472 in]
Connector Height	7.8 mm[.307 in]
Connector Width	5.8 mm[.228 in]



## **Usage Conditions**

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

## Operation/Application

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

## **Industry Standards**

## **Packaging Features**

Packaging Quantity	700
Packaging Type	Box, Tape

# **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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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





AMP COMMON TERMINATION

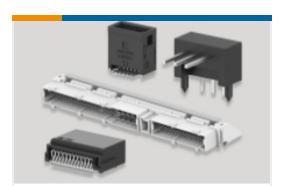
HOUSINGS



# Also in the Series | AMP CT







PCB Headers & Receptacles(756)



Wire-to-Board Connector Assemblies & Housings(256)



Wire-to-Board Connector Contacts(8)

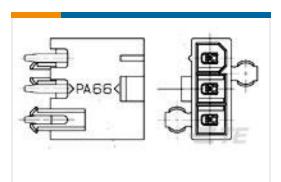
# Customers Also Bought



TE Part #179228-6
CRIMP TYPE II RECPT HSG



TE Part #3-640429-4
04P MTA156 CONN ASSY 24AWG



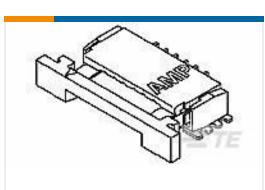
TE Part #2029181-3 3P VAL-U-LOK VRTHDR W/PGS GW



TE Part #2132781-6 06P EP-II HOUSING, NATURAL



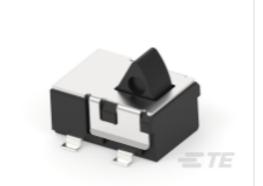
TE Part #2132781-3 03P EP-II HOUSING, NATURAL



TE Part #84952-8 1MM FPC HORZ.BTTM CONT.ASS.8P



TE Part #2331412-1
DET SW4.2X3.6X1.2 GW VERT(DW)
NO AGAU RL



TE Part #2331395-1
DET SW4.7X3.5X2.25 GW VERT. NOH
AG RL







## **Documents**

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_292174-5\_O1.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_292174-5\_O1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_292174-5\_O1.3d\_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