

### **AMP CT**

TE Internal #: 292133-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2 mm [.078 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, AMP

CT

View on TE.com >

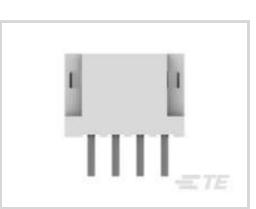


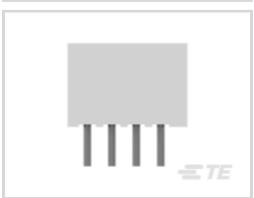
Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Post Header Assembly: Box-V











Connector System: Wire-to-Board

Number of Positions: 4
Number of Rows: 1

Centerline (Pitch): 2 mm [.078 in ]
PCB Mount Orientation: Vertical

All CT 2mm Post Header Assembly: Box-V (15)

## **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	4
Number of Rows	1
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	125 VAC



Contact Mating Area Length PCB Contact Termination Area Plating Material Thickness 1 µm(39.37 µin) Contact Layout Inline Mating Pin Diameter Contact Shape & Form Round, Rounded 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 Termination Post & Tail Length Termination Method to Printed Circuit Board Through Hole Solder  Mechanical Attachment Mating Alignment Type Polarization Mating Retention Type Polarized Lock Connector Mounting Type Board Mount Mating Alignment Without Mating Alignment Without PCB Mount Retention Without Housing Features Housing Material 66 Nylon Centerline (Pitch) 2 mm(.078 in)	Primary Product Color	Natural
PCB Contact Lemination Area Plating Material Thickness 1 µm(39.37 µm)  Contact Layout Inline  Mating Pin Diameter 6 mm [0.04 lm]  Contact Shape & Form Round, Rounded  PCB Contact Termination Area Plating Material Tin  Contact Base Material Tin  Contact Mating Area Plating Material Tin  Contact Type Pin  Contact Type Pin  Contact Termination Post & Tail Diameter 6 mm [0.024 lm]  Termination Post & Tail Length 3.2 mm [0.126 im]  Termination Post & Tail Length 3.2 mm [1.176 im]  Termination Method to Printed Circuit Board Through Hole Solder  Mechanical Attachment  Mating Alignment Type Polarization  Mating Retention Without  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment Without  Mating Material 66 Nylon  Connector Mount Retention Without  Housing Features  Flousing Material 66 Nylon  Contectine (Rich) 2 mm [.378 in]  Dimensions  Connector Length 9.8 mm [.386 in]  Connector Height 6.8 mm [.267 in]	Contact Features	
Contact Layout Inline  Mating Pin Diameter	Contact Mating Area Length	4.2 mm[.165 in]
Mating Pin Diameter	PCB Contact Termination Area Plating Material Thickness	1 μm[39.37 μin]
Contact Shape & Form Round, Rounded  PCB Contact Termination Area Plating Material Tin  Contact Base Material Brass  Contact Meting 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 Type Polarization  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment Without  PCB Mount Alignment Without  Housing Features  Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm [.078 in]  Dimensions  Connector Length 9.8 mm [.386 in]  Connector Length 6.8 mm [.267 in]	Contact Layout	Inline
PCB Contact Termination Area Plating Material  Contact Base Material  Contact Moting Area Plating Material  Contact Type  Pin  Contact Current Rating (Max)  4 A  Termination Features  Round Termination Post & Tail Diameter  1.6 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  Mating Retention Type  Polarized Lock  Connector Mounting Type  Board Mount  Mating Alignment  With  PCB Mount Alignment  Without  Housing Features  Housing Features  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  6.8 mm[.267 in]	Mating Pin Diameter	.6 mm[.024 in]
Contact Base Material Contact Mating Area Plating Material Contact Type Pin Contact Current Rating (Max) 4 A  Termination Features  Round Termination Post & Tail Diameter Termination Post & Tail Length 3.2 mml.126 in  Termination Method to Printed Circuit Board Through Hole - Solder  Mechanical Attachment  Mating Alignment Type Polarization Mating Retention Without  Panel Mount Feature Without  Mating Retention Type Polarized Lock Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment Without  Housing Features Housing Features Housing Material Centerline (Pitch) P.8 mml.386 in] Connector Length Connector Length Connector Ileight Connector Ileight Connector Ileight Connector Ileight Cantactor Ileight Cantactor Ileight Pin  Ada  AA  Tin  Tin  Alia  Tin  Tin  Alia  An  An  An  An  An  An  An  An  An  A	Contact Shape & Form	Round, Rounded
Contact Mating Area Plating Material  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  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With PCB Mount Alignment Without  Housing Features  Housing Features  Housing Material Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 6.8 mm[.386 in] Connector Height	PCB Contact Termination Area Plating Material	Tin
Contact Type Pin Contact Current Rating (Max) 4 A  Termination Features  Round Termination Post & Tail Diameter	Contact Base Material	Brass
Contact Current Rating (Max) 4 A  Termination Features  Round Termination Post & Tail Diameter 6. mm.[.024 in.]  Termination Post & Tail Length 7. mm.[.126 in.]  Termination Method to Printed Circuit Board 7. mm.[.126 in.]  Termination Method to Printed Circuit Board 7. mm.[.126 in.]  Mechanical Attachment  Mating Alignment Type 8. Polarization 8. mm.[.126 in.]  Mating Retention 8. Without 9. mm.[.126 in.]  Mating Retention Type 9. Polarization 1. mm.[.126 in.]  Mating Retention Type 9. Polarized Lock 1. mm.[.126 in.]  Connector Mounting Type 8. Board Mount 1. mm.[.126 in.]  Mating Alignment 8. Without 1. mm.[.126 in.]  PCB Mount Alignment 9. Without 1. mm.[.126 in.]  Housing Features  Housing Material 6.6 Nylon 1. mm.[.127 in.]  Dimensions  Connector Length 9.8 mm.[.386 in.]  Connector Height 6.8 mm.[.267 in.]	Contact Mating Area Plating Material	Tin
Termination Features  Round Termination Post & Tail Diameter	Contact Type	Pin
Round Termination Post & Tail Diameter 3.6 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  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With  PCB Mount Alignment Without  Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 9.8 mm[.386 in]  Connector Height 6.8 mm[.267 in]	Contact Current Rating (Max)	4 A
Termination Post & Tail Length Termination Method to Printed Circuit Board  Mechanical Attachment  Mating Alignment Type Polarization  Mating Retention Without  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With  PCB Mount Alignment Without  Housing Features  Housing Material Centerline (Pitch)  Dimensions  Connector Length Connector Height  3.2 mm[.126 in]  Through Hole - Solder  Through Hole - Solder  Through Hole - Solder  Without  Polarization Without  Without  ### Auting Alignment ### Auting Alignment Without  ### Auting Alignment ### Auting Alignment Without  ### Auting Alignme	Termination Features	
Termination Method to Printed Circuit Board  Mechanical Attachment  Mating Alignment Type Polarization  Mating Retention Without  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With  Mating Alignment With  PCB Mount Alignment With  PCB Mount Retention Without  Housing Features  Housing Material Centerline (Pitch) Dimensions  Connector Length P.8 mm[.267 in]	Round Termination Post & Tail Diameter	.6 mm[.024 in]
Mechanical Attachment  Mating Alignment Type Polarization  Mating Retention Without  Panel Mount Feature Without  Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With  PCB Mount Alignment Without  PCB Mount Retention Without  Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 9.8 mm[.286 in]  Connector Height 6.8 mm[.267 in]	Termination Post & Tail Length	3.2 mm[.126 in]
Mating Alignment Type  Mating Retention  Without  Panel Mount Feature  Without  Mating Retention Type  Polarized Lock  Connector Mounting Type  Board Mount  Mating Alignment  With  PCB Mount Alignment  Without  PCB Mount Retention  Without  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  Seatures  Polarized Lock  Without  With  Polarized Lock  Folarized Lock  Folarized Lock  Folarized Lock  Folarized Lock  With  With  With  With  PCB Mount  Without  Folarized Lock  Folarized Lock  Folarized Lock  Folarized Lock  Without  PCB Mount  Without  Folarized Lock  Folarized Lock  Without  Folarized Lock  Folarized Lo	Termination Method to Printed Circuit Board	Through Hole - Solder
Mating Retention  Panel Mount Feature  Without  Mating Retention Type  Polarized Lock  Connector Mounting Type  Board Mount  Mating Alignment  With  PCB Mount Alignment  Without  PCB Mount Retention  Without  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  Connector Height  Without  9.8 mm[.386 in]  6.8 mm[.267 in]	Mechanical Attachment	
Panel Mount Feature  Mating Retention Type  Polarized Lock  Connector Mounting Type  Board Mount  Mating Alignment  With  PCB Mount Alignment  Without  PCB Mount Retention  Without  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  Polarized Lock  Without  With  August Alignment  With  Without  Without  466 Nylon  2 mm[.078 in]  Dimensions  Connector Length  9.8 mm[.386 in]  Connector Height	Mating Alignment Type	Polarization
Mating Retention Type Polarized Lock  Connector Mounting Type Board Mount  Mating Alignment With  PCB Mount Alignment Without  PCB Mount Retention Without  Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 9.8 mm[.386 in]  Connector Height 6.8 mm[.267 in]	Mating Retention	Without
Connector Mounting Type  Board Mount  Mating Alignment  With  PCB Mount Alignment  Without  PCB Mount Retention  Without  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  Connector Height  Board Mount  With  Author  Without  PCB Mount Retention  Without  2 min Lora in light  6.8 mm Lora in light  6.8 mm Lora in light	Panel Mount Feature	Without
Mating Alignment With  PCB Mount Alignment Without  PCB Mount Retention Without  Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 9.8 mm[.386 in]  Connector Height 6.8 mm[.267 in]	Mating Retention Type	Polarized Lock
PCB Mount Alignment Without  Housing Features  Housing Material Centerline (Pitch) Centerline (Pitch) Connector Length Connector Height  Without  Without  Without  9.8 mm[.386 in]	Connector Mounting Type	Board Mount
PCB Mount Retention  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Connector Length  Connector Height  Without  Without  Without  9.8 mm[.078 in]  8.8 mm[.386 in]  6.8 mm[.267 in]	Mating Alignment	With
Housing Features  Housing Material 66 Nylon  Centerline (Pitch) 2 mm[.078 in]  Dimensions  Connector Length 9.8 mm[.386 in]  Connector Height 6.8 mm[.267 in]	PCB Mount Alignment	Without
Housing Material  Centerline (Pitch)  2 mm[.078 in]  Dimensions  Connector Length  9.8 mm[.386 in]  Connector Height  6.8 mm[.267 in]	PCB Mount Retention	Without
Centerline (Pitch)  Dimensions  Connector Length  Connector Height  2 mm[.078 in]  9.8 mm[.386 in]  6.8 mm[.267 in]	Housing Features	
DimensionsConnector Length9.8 mm[.386 in]Connector Height6.8 mm[.267 in]	Housing Material	66 Nylon
Connector Length  Connector Height  9.8 mm[.386 in]  6.8 mm[.267 in]	Centerline (Pitch)	2 mm[.078 in]
Connector Height 6.8 mm[.267 in]	Dimensions	
	Connector Length	9.8 mm[.386 in]
Connector Width 5.8 mm[.228 in]	Connector Height	6.8 mm[.267 in]
	Connector Width	5.8 mm[.228 in]



PCB Thickness (Recommende	d) .8 mm	[.031063 in]
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## **Usage Conditions**

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

## Operation/Application

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

## **Industry Standards**

UL Flammability Rating	UL 94V-0
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## **Packaging Features**

Packaging Quantity	1000
Packaging Type	Bag, Box

# **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: JAN 2023 (233) 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





# Also in the Series | AMP CT



PCB Connector Mounting(46)



PCB Headers & Receptacles(756)



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



Wire-to-Board Connector Contacts(8)

# Customers Also Bought





TE Part #215079-4 MICRO-MATCH FOB.04P



TE Part #440054-5 2.0MM,HDR,5POS,VERTICAL











## **Documents**

Product Drawings
CT P/HDR ASSY BOX V 4P W/O KIN

English

**CAD Files** 



3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_292133-4\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_292133-4\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_292133-4\_A.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

**Product Environmental Compliance** 

MD\_292133-4\_07042014450\_dmtec

English

MD\_292133-4\_07042014450\_dmtec

English