



AMP CT

TE Internal #: 292171-2
PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 2 mm [.078 in] Centerline, Partially Shrouded, Tin (Sn), Surface Mount, Power & Signal, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT Post Header Assembly: Part. Shrouded



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **2**
Centerline (Pitch): **2 mm [.078 in]**

[All CT Post Header Assembly: Part. Shrouded \(32\)](#)

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	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Mating Pin Diameter	.6 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Shape & Form	Round
Contact Layout	Inline, Staggered
Contact Mating Area Length	4.5 mm[.177 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Panel Mount Feature	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment	With
Mating Retention	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2 mm[.078 in]
Housing Material	PA GF30

Dimensions

Connector Width	4 mm[.157 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	7.8 mm[.307 in]



Connector Length	6 mm[.236 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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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	80
Packaging Method	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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

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(39)

PCB Headers & Receptacles(739)

Rectangular Connector Housings(74)

Rectangular Power Connectors(883)

Standard Rectangular Connectors(228)

Wire-to-Board Connector Assemblies
& Housings(165)

Wire-to-Board Headers & Receptacles
(739)

Customers Also Bought

TE Part #801889-SF
FN9222-1-07

TE Part #3858014001
GPO-135-6.4/3.2-0-SP

TE Part #1-111196-9
30 RCPT SYSTEM 50, LEAD FREE

TE Part #2-111196-8
024 RCPT SYSTEM 50 30 DPLX



TE Part #5-146285-6
06 MODII HDR SRST B/A .100CL

TE Part #292171-3
CT POST HDR ASSY 3P IN-TUBE BL

TE Part #292304-1
STD USB TYPE B, R/A, T/H

TE Part #1622396-2
LR1 1% 249R

TE Part #2-2176342-1
CRGCQ 0805 2K2 5%

TE Part #6-2176422-0
TLRP 2512 3.0W R025 1% 50PPM 4K RL

Documents

Product Drawings

CT POST HDR ASSY 2P IN-TUBE BL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292171-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292171-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292171-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Product Specification

Japanese