292172-5 ✔ ACTIVE

AMP CT

TE Internal #: 292172-5

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

Centerline (Pitch): **2 mm [.079 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	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC

Body Features

Primary Product Color	Black

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 Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
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 Alignment	Without
Mating Retention	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	6T PA GF 30

Dimensions

Connector Width	4 mm[.157 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	7.8 mm[.307 in]
Connector Length	12 mm[.472 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	2000
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

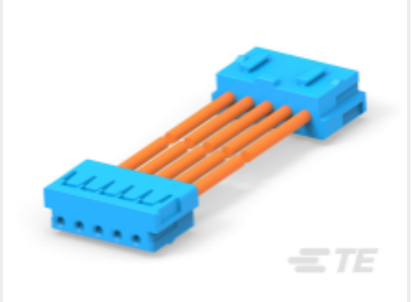
Product Compliance Disclaimer

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-H8172
AMP COMMON TERMINATION HOUSINGS



TE Part # 2405869-5
CT 5P 300MM CABLE ASSEMBLY 2-179228-5

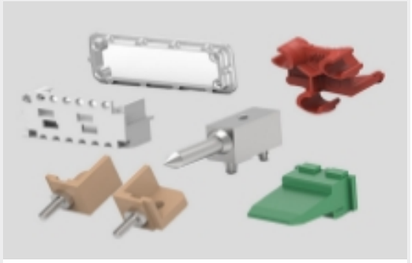


TE Part # CAT-AM7017-C7671
Common Termination Contacts — POWER TRIPLE LOCK

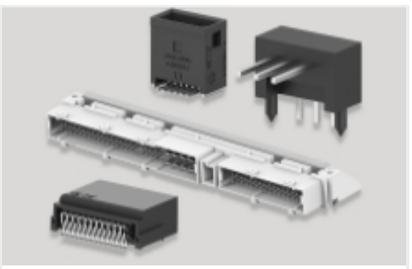
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(39)



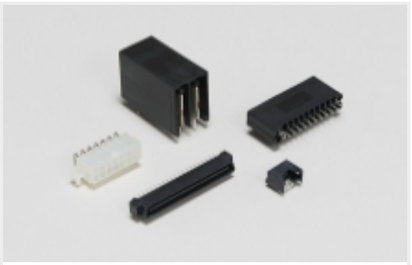
PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



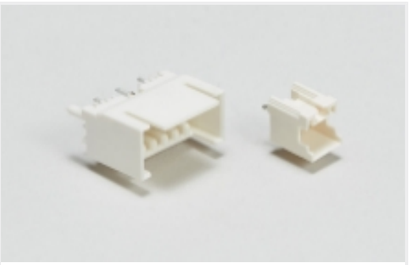
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



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



Wire-to-Board Headers & Receptacles (739)

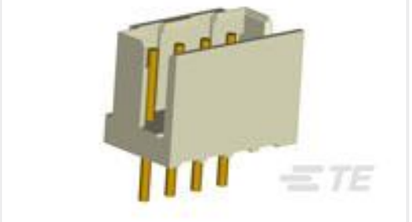
Customers Also Bought



TE Part #2-171825-3
V-TYPE E.I.S.CONN. 3P ASSY



TE Part #CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



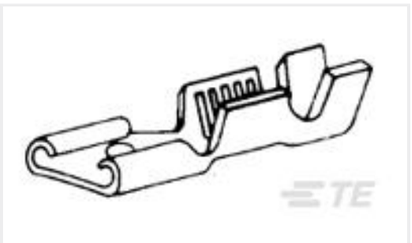
TE Part #6-292132-4
CT P/HDR BOX V 4P BLACK



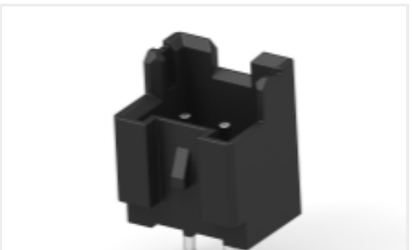
TE Part #1-292206-7
MINI CT SGL DIP H 17P NAT



TE Part #292254-2
CT RELAY HDR ASSY 2P NAT



TE Part #1742678-2
187 RCPT FAST AMVR 0157TPPB



TE Part #3-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, BLACK



TE Part #2842103-5
5P,2MM,BRK HDR,SRVT,SMD,0.38AU, TR W/CAP

TE Part #2357445-1
DP CABLE ASSEMBLY

Documents

Product Drawings

CT POST HDR ASSY 5P IN-TUBE BL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292172-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292172-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292172-5_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