# 2-292132-6 ✔ ACTIVE

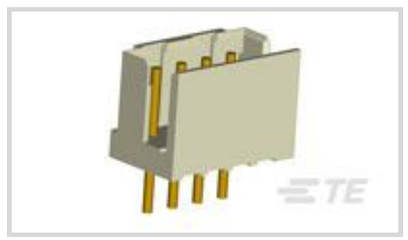
AMP CT

TE Internal #: 2-292132-6

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, AMP CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Post Header Asmbly: Box V DIP



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board**

Number of Positions: **6**

Centerline (Pitch): **2 mm [ .079 in ]**

All CT 2mm Post Header Asmbly: Box V DIP (81)

## 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 | 6 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 125 VDC |

### Body Features

| | |
|---|---|
| Primary Product Color | Blue |

### Contact Features

| | |
|---|---|
| Mating Pin Diameter | .6 mm[.024 in] |

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | 1 µm[39.37 µin] |
| Contact Shape & Form | Round |
| Contact Layout | Inline |
| Contact Mating Area Length | 4.2 mm[.165 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 µm[39.37 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 Post & Tail Length | 3.2 mm[.126 in] |
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Polarized Lock |
| Mating Alignment Type | Polarization |
| PCB Mount Retention Type | Kinked Legs |
| PCB Mount Alignment Type | Kinked Legs |
| PCB Mount Alignment | Without |
| Mating Retention | Without |
| PCB Mount Retention | With |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2 mm[.079 in] |
| Housing Material | Nylon 66 |

## Dimensions

| | |
|---|---|
| Connector Width | 5.8 mm[.228 in] |
| PCB Thickness (Recommended) | .8 mm[.031 – .063 in] |
| Connector Height | 6.8 mm[.267 in] |
| Connector Length | 13.8 mm[.543 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 | 1000 |
| Packaging Method | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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



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

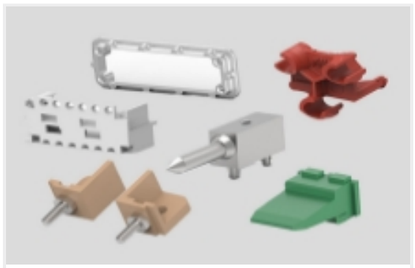


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

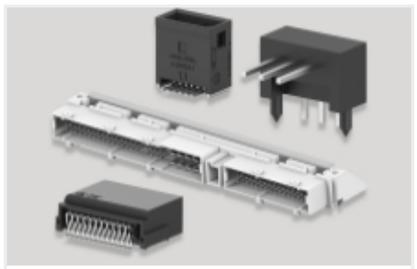
## Also in the Series | AMP CT



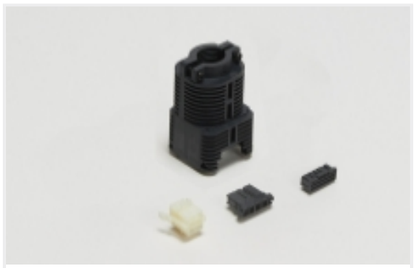
Connector Contacts(8)



Connector Hardware(39)



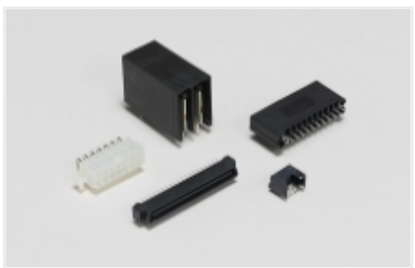
PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



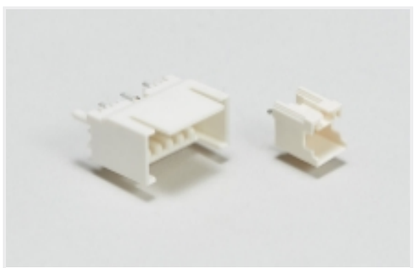
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)

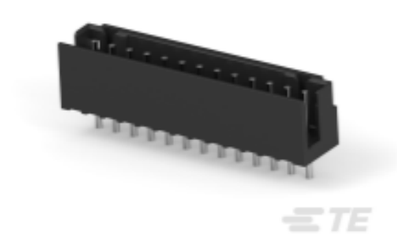


Wire-to-Board Connector Assemblies & Housings(165)

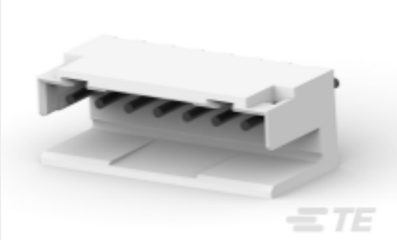


Wire-to-Board Headers & Receptacles (739)

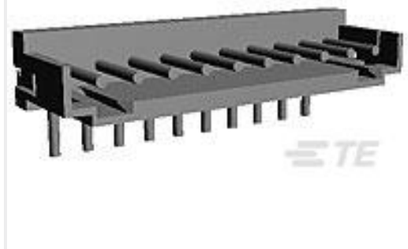
## Customers Also Bought



TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP



TE Part #CAT-AM7017-H342
AMP COMMON TERMINATION HEADERS



TE Part #292253-3
CT CONN MT HDR ASSY H 3P NAT



TE Part #2-647127-2
02P MTA156 SHRD HDR ASSY LF

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

## Documents

### Product Drawings

CT P/HDR BOX V 6P BLUE

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-292132-6_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-292132-6_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-292132-6_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Workmanship Specification

English