# 292173-2 ✔ ACTIVE

AMP CT

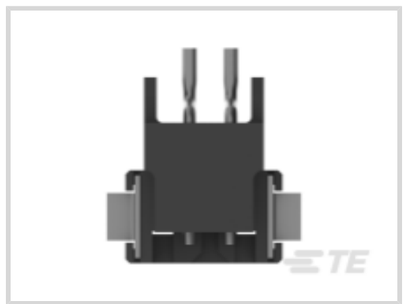
TE Internal #: 292173-2

PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin (Sn), Surface Mount, AMP CT

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > AMP COMMON TERMINATION HEADERS







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **2**

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

All AMP COMMON TERMINATION HEADERS (33)

## 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 | Right Angle |
| Number of Positions | 2 |
| 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 |
| 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 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 Retention Type | Solder Peg |
| 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[.079 in] |
| Housing Material | 6T PA GF |

## Dimensions

| | |
|---|---|
| Connector Width | 9 mm[.354 in] |
| PCB Thickness (Recommended) | .8 mm[.031 – .063 in] |

| | |
|---|---|
| Connector Height | 5.8 mm[.228 in] |
| Connector Length | 5.8 mm[.228 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 | 500 |
| Packaging Method | 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 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 | Reflow solder capable to 245°C |

Product Compliance Disclaimer

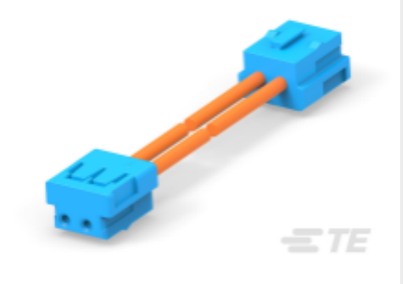
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2405869-1
CT 2P 300MM CABLE ASSEMBLY 2-179228-2

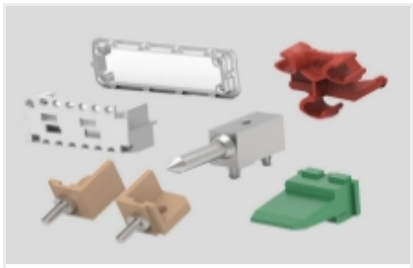


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

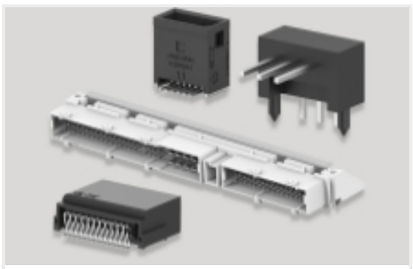
## Also in the Series | AMP CT



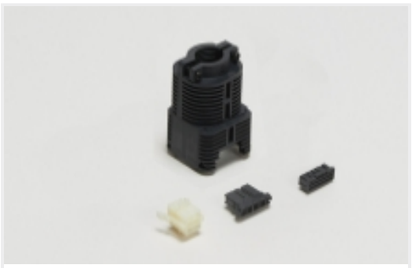
Connector Contacts(8)



Connector Hardware(39)



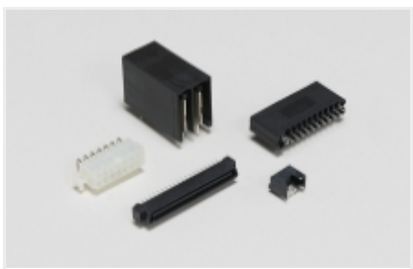
PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



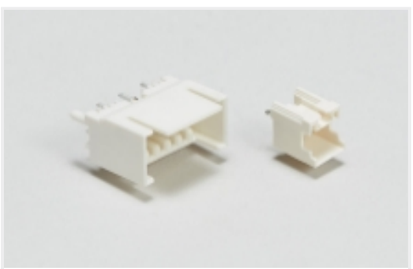
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



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

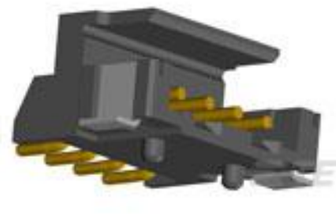


Wire-to-Board Headers & Receptacles (739)

## Customers Also Bought



TE Part #1010391-F
LMIS500BB3S; PRES; 500Pa;I2C;3Vs



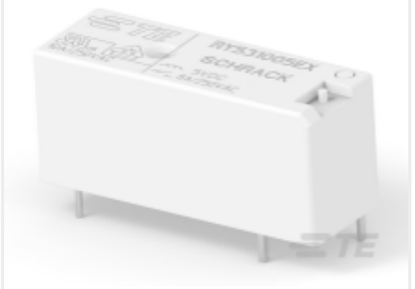
TE Part #292173-4
CT BOX HDR H SMT 4P O/TAPE BLA



TE Part #292174-6
CT BOX HDR V SMT 6P O/TAPE NAT



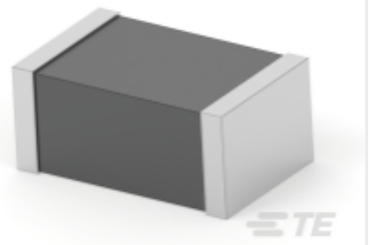
TE Part #7-1393224-6
RY531005



TE Part #5-1393226-0
RY531005EX



TE Part #7-1676481-3
CPF 0603 6K8 0.1% 25PPM 1K RL



TE Part #2176487-1
BMC 0805 300R 25% A Med C



TE Part #2834385-2
RELEASE POKE-IN CONNECTOR_2P_NATURAL



TE Part #5569284-1
MJ,TE,8P

TE Part #3004237-F
ZA009102; LMx Manifold incl. 2 x-rings

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_292173-2_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_292173-2_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_292173-2_B.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

### Agency Approvals

CSA Certificate

English

CSA Certificate

English