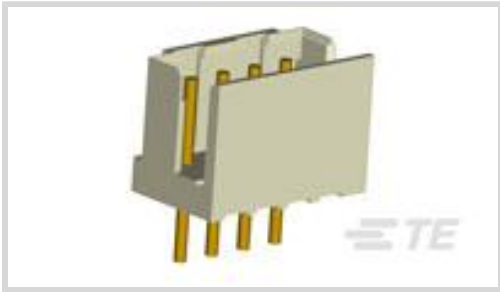




Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Post Header Asmbly: Box V DIP



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **1**

[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   | 10       |
| 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] |
|---------------------|----------------|



|                                                         |                 |
|---------------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness          | 1 µm[39.37 µin] |
| PCB Contact Termination Area Plating Material Thickness | 1 µm[39.37 µin] |
| Contact Shape & Form                                    | Round, Rounded  |
| Contact Layout                                          | Inline          |
| Contact Mating Area Length                              | 4.2 mm[.165 in] |
| Contact Base Material                                   | Brass           |
| PCB Contact Termination Area Plating Material           | Tin             |
| Contact Mating Area Plating Material Finish             | Matte           |
| Contact Mating Area Plating Material                    | Tin (Sn)        |
| Contact Type                                            | Pin             |
| Contact Current Rating (Max)                            | 4 A             |

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

Housing Features

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

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            | 21.8 mm[.858 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   | 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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



TE Part # 353918-1  
CT 1.5MM REC CONT CRIMP TYPE



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

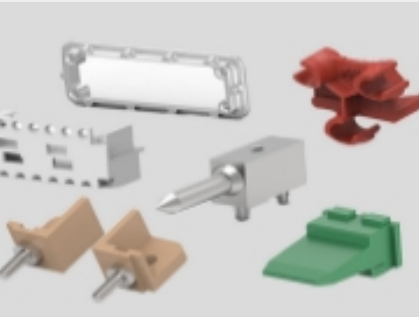


TE Part # CAT-AM7017-H8172  
AMP COMMON TERMINATION HOUSINGS

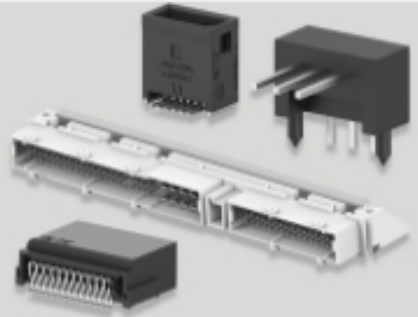
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



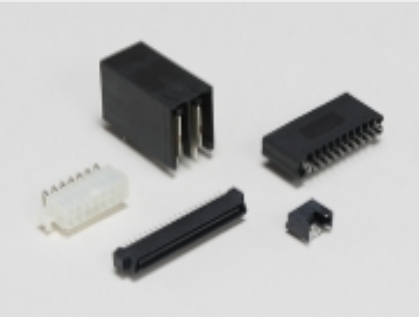
PCB Headers & Receptacles(756)



Rectangular Connector Housings(72)



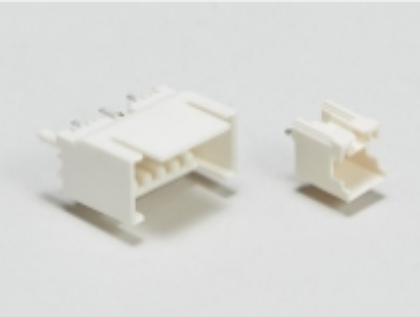
Rectangular Power Connectors(906)



Standard Rectangular Connectors(158)



Wire-to-Board Connector Assemblies & Housings(97)

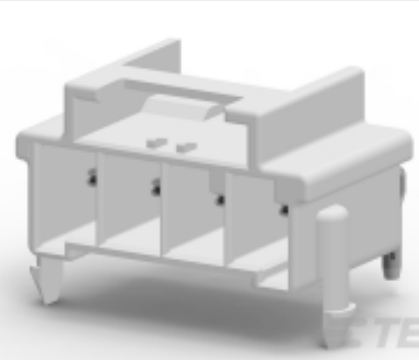


Wire-to-Board Headers & Receptacles (756)

Customers Also Bought



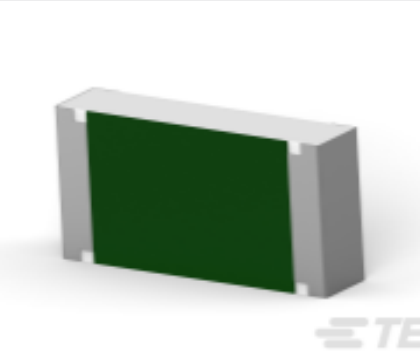
TE Part #YD369-B99-NP400000  
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



TE Part #1-1969694-4  
PTL 1X4 PCB HEADER R/A HITEMP KEY A LGR



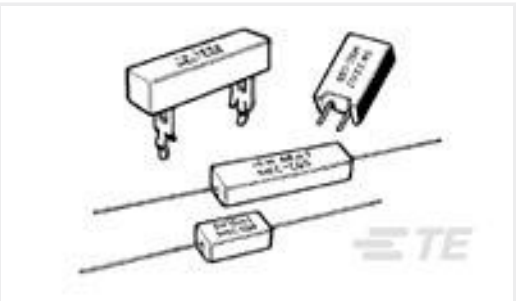
TE Part #YD369-B99-NS400000  
369 9 WAY PANEL MNT REC, 90 PCB GOLD,SKT



TE Part #9-2176397-4  
3502 7K5 1%



TE Part #1-1630019-4  
HSC200 2K4 5%



TE Part #2-1623795-3  
SQP2 R047 5% WIRE



TE Part #YD369-B99-AP400000  
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



TE Part #YDTS24T15-18PNV001  
RECP ASSY



TE Part #YDTS24T21-35SNV001  
RECP ASSY

Documents

Product Drawings

CT P/HDR BOX V 10P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-292132-0\_B1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-292132-0\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-292132-0\_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