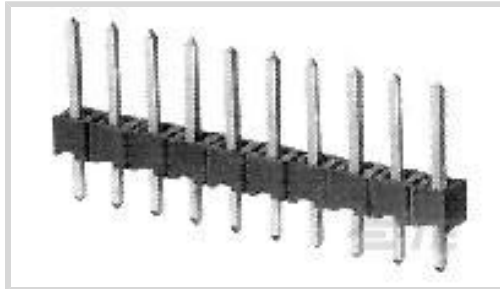




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Number of Rows: **1**

### Features

#### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type       | PCB Mount Header      |
| Connector System                  | Board-to-Board        |
| Header Type                       | Breakaway             |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

#### Configuration Features

|                                  |              |
|----------------------------------|--------------|
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation            | Vertical     |
| Number of Positions              | 2            |
| Number of Rows                   | 1            |
| Board-to-Board Configuration     | Parallel     |

#### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

#### Contact Features

|                               |                 |
|-------------------------------|-----------------|
| Mating Square Post Dimension  | .64 mm[.025 in] |
|                               | 100 – 200 μin   |
| Contact Shape & Form          | Square          |
| Contact Underplating Material | Nickel          |



|  |   |
|--|---|
| PCB Contact Termination Area Plating Material  | Tin-Lead                                |
| Contact Base Material                          | Phosphor Bronze                         |
| Contact Mating Area Plating Material           | Gold                                    |
| Contact Mating Area Plating Material Thickness | .381 $\mu\text{m}$ [15 $\mu\text{in}$ ] |
| Contact Type                                   | Pin                                     |
| Contact Current Rating (Max)                   | 3 A                                     |

#### Termination Features

|   |                       |
|---|-----------------------|
| Square Termination Post & Tail Dimension    | .64 mm[.025 in]       |
| Termination Post & Tail Length              | 3.05 mm[.12 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

#### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Mating Alignment        | Without     |
| PCB Mount Retention     | Without     |
| PCB Mount Alignment     | Without     |
| Connector Mounting Type | Board Mount |

#### Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material   | Thermoplastic  |

#### Dimensions

|                             |                 |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
|-----------------------------|-----------------|

#### Usage Conditions

|                             |  |
|-----------------------------|--|
| Housing Temperature Rating  | Standard   |
| Operating Temperature Range | -65 – 105 $^{\circ}\text{C}$ [-85 – 221 $^{\circ}\text{F}$ ] |

#### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

#### Industry Standards

|                        |                       |
|------------------------|-----------------------|
| Approved Standards     | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0              |

#### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 500  |
| Packaging Type     | Tray |

## Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Not Compliant  |
| EU ELV Directive 2000/53/EC                   | Not Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | <p>Current ECHA Candidate List: JAN 2022 (223)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (13% in Component Part)</p> <p><b>Article Safe Usage Statements:</b><br/>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Wave solder capable to 240°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>

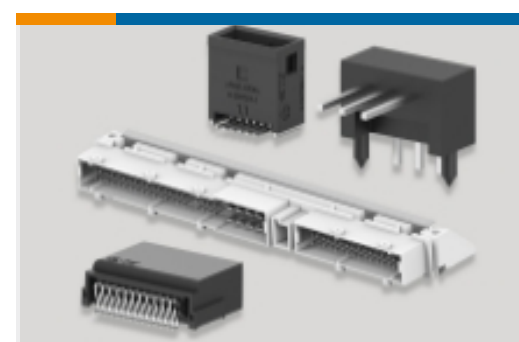
## Also in the Series | AMPMODU Headers



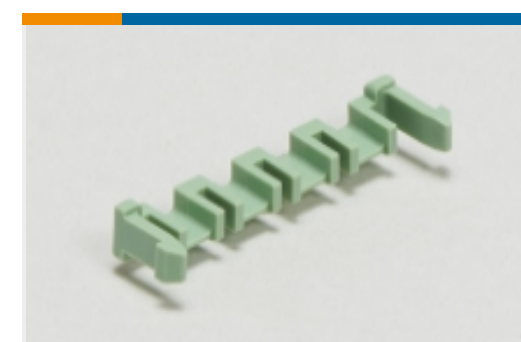
PCB Connector Mounting(1)



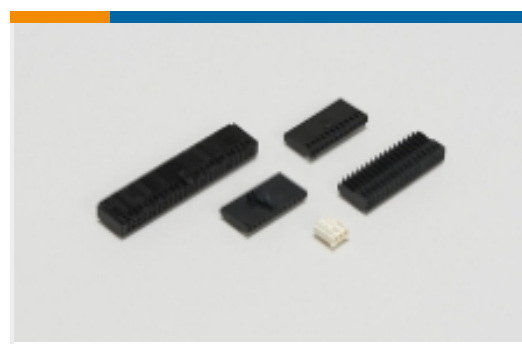
PCB Connector Shrouds(1)



PCB Headers & Receptacles(6929)



PCB Latches, Locks & Retainers(2)

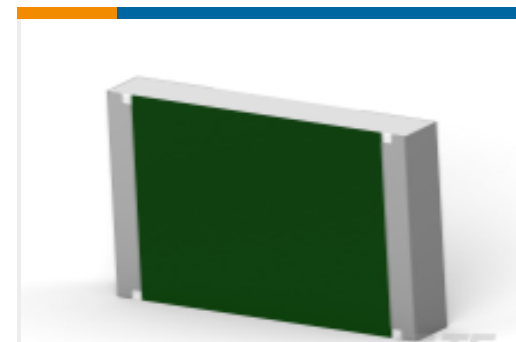


Wire-to-Board Connector Assemblies &amp; Housings(5)



Wire-to-Board Connector Contacts(66)

## Customers Also Bought

TE Part #1860000-1  
PT7874PTE Part #87230-3  
06 MODII HDR DRRR UNSHRD .100TE Part #8-1415001-1  
PT570T30TE Part #5-2176400-9  
3540 270R 1%TE Part #2176337-2  
CRGCO 0402 12R 1%TE Part #1-2176343-2  
CRGCO 1206 82R 1%TE Part #2-1415037-1  
PTMU0730TE Part #1-1415037-1  
PTMU0524TE Part #8-2176365-7  
RQ 0603 316R 0.1% 10PPM 1K RLTE Part #3-2176365-0  
RQ 0603 80R6 0.1% 10PPM 1K RL

## Documents

### Product Drawings

[02 MODII HDR SRST B/A .100CL](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_103185-2\\_G.2d\\_dxf.zip](#)



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**Product Environmental Compliance**

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