



AMPMODU

TE Internal #: 1-826467-6

PCB Mount Header, Vertical, Board-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Gold Flash, Through Hole - Solder, Signal

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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: **16**

Number of Rows: **1**

**Features**

**Product Type Features**

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

**Configuration Features**

|                              |          |
|------------------------------|----------|
| PCB Mount Orientation        | Vertical |
| Number of Positions          | 16       |
| Number of Rows               | 1        |
| Board-to-Board Configuration | Parallel |

**Body Features**

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

**Contact Features**

|  |                 |
|--|-----------------|
| Contact Mating Area Plating Material           | Gold Flash      |
| Contact Mating Area Plating Material Thickness | .8 μm[31.5 μin] |
| Contact Type                                   | Pin             |
| Contact Current Rating (Max)                   | 3 A             |

**Termination Features**



|   |                       |
|---|-----------------------|
| 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   | PCT             |

### Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Row-to-Row Spacing          | 2.54 mm [.1 in]   |
| PCB Thickness (Recommended) | 1.57 mm [.062 in] |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

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

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                |        |
|----------------|--------|
| Packaging Type | Carton |
|----------------|--------|

### 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| Solder Process Capability                     | Pin-in-Paste capable to 260°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



## Documents

### Product Drawings

#### 16P MOD II SHROUDED HEADER, ST

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-826467-6\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-826467-6\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-826467-6\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Agency Approvals

#### UL Report

English

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