AMPMODU Headers

147062-1

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 14 Position, 2.54mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

View on TE.com

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles

PCB Connector Assembly Type: PCB Mount Header
PCB Mount Orientation: Vertical
Connector System: Board-to-Board
Number of Positions: 14
Centerline (Pitch): 2.54 mm [.1 in ]

Features

Product Type Features

<table>
<thead>
<tr>
<th>PCB Connector Assembly Type</th>
<th>PCB Mount Header</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector System</td>
<td>Board-to-Board</td>
</tr>
<tr>
<td>Header Type</td>
<td>Breakaway</td>
</tr>
<tr>
<td>Sealable</td>
<td>No</td>
</tr>
<tr>
<td>Connector &amp; Contact Terminates To</td>
<td>Printed Circuit Board</td>
</tr>
</tbody>
</table>

Configuration Features

| Number of Rows | 2 |
| Connector Contact Load Condition | Selectively Loaded |
| PCB Mount Orientation | Vertical |
| Number of Positions | 14 |
| Board-to-Board Configuration | Parallel |

Body Features

| Connector Profile | Standard |

Contact Features

| Mating Square Post Dimension | .64 mm [.025 in] |
| Contact Shape & Form | Square |
| Contact Underplating Material | Nickel |
### PCB Contact Termination Area Plating Material
- Tin-Lead

### Contact Base Material
- Copper Alloy

### Contact Mating Area Plating Material
- Gold

### Contact Mating Area Plating Material Thickness
- .762 µm [30 µin]

### Contact Type
- Pin

### Contact Current Rating (Max)
- 3 A

#### Termination Features
- **Square Termination Post & Tail Dimension**: .64 mm [.025 in]
- **Termination Post & Tail Length**: 2.29 mm [.09 in]
- **Termination Method to Printed Circuit Board**: Through Hole - Solder

#### Mechanical Attachment
- **Mating Alignment**: With
- **PCB Mount Retention**: Without
- **PCB Mount Alignment**: Without
- **Connector Mounting Type**: Board Mount

#### Housing Features
- **Centerline (Pitch)**: 2.54 mm [.1 in]
- **Housing Color**: Black
- **Housing Material**: Thermoplastic

#### Dimensions
- **Row-to-Row Spacing**: 2.54 mm [.1 in]
- **PCB Thickness (Recommended)**: 1.6 mm [.063 in]

#### Usage Conditions
- **Housing Temperature Rating**: Standard
- **Operating Temperature Range**: -65 – 105 °C [-85 – 221 °F]

#### Operation/Application
- **Circuit Application**: Signal

#### Industry Standards
- **Approved Standards**: CSA LR7189, UL E28476
- **UL Flammability Rating**: UL 94V-0

#### Packaging Features
- **Packaging Quantity**: 200
Packaging Method | Carton
---|---
Other
Position Locations Omitted | Row M - 3
Comment | Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult TE Connectivity.

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 |
| 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

Compatible Parts
AMPOL Headers, PCB Mount Header, Vertical, Board-to-Board, 14 Position, 2.54 mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

Also in the Series

AMPOL Headers

Automotive Headers(10)
Board-to-Board Headers & Receptacles(534)
PCB Connector Mounting(7)
PCB Connector Shrouds(1)

PCB Latches, Locks & Retainers(2)
Wire-to-Board Connector Assemblies & Housings(2)
Wire-to-Board Connector Contacts(46)
Wire-to-Board Headers & Receptacles (79)

Customers Also Bought

TE Model / Part # 163B8-1
QFP, 0.05 FEMALE CONN

TE Model / Part # 5-87878-2
MOD II POST PLT 50 AU

TE Model / Part # 103906-8
09 MTE HDR SRRA LATCH .100CL

TE Model / Part # 163833-1
QFP, 0.05 FEM ASS P1

TE Model / Part # 146289-4
24 MODII HDR SRST 8/A 100 W/HID

TE Model / Part # 5-520353-7
TRIMATE ASSY H 7P L=2.54, LDFR

TE Model / Part # 103908-8
09 MTE HDR SRST LATCH W/HLDWN

For support call +1 800 522 6752

09/01/2020 06:36PM | Page 4
147062-1
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Documents

Product Drawings
13/14 MODII HDR DRST B/A 100CL

English