

AMPMODU Headers

TE Internal #: 825433-2

AMPMODU Headers, PCB Mount Header, Vertical, 2 Position, 2.54 mm [.1in] Centerline, Breakaway, 1 Row, Green

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PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Number of Positions: **2**Centerline (Pitch): **2.54 mm [.1 in]**Contact Type: **Pin****Features****Product Type Features**

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector & Contact Terminates To | Printed Circuit Board |
| Header Type | Breakaway |

Configuration Features

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

Electrical Characteristics

| | |
|---------------------------------|----------|
| Dielectric Withstanding Voltage | 750 Vrms |
|---------------------------------|----------|

Body Features

| | |
|-------------------|-----------------|
| Connector Profile | Standard |
| Post Size | .64 mm[.025 in] |

Contact Features

| | |
|---|-----------------|
| Mating Post Length | 6.7 mm[.264 in] |
| PCB Contact Termination Area Plating Material Thickness | 2.5 μ m |
| | 31.5 μ m |
| Contact Mating Area Plating Material | Gold |



| | |
|---|-------------|
| Contact Shape & Form | Square |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Brass, CuZn |
| Contact Type | Pin |
| Contact Current Rating (Max) | 5 A |

Termination Features

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|---|-----------------------|
| Termination Post & Tail Length | 3.2 mm[.1259 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|---------------------|---------|
| Strain Relief | Without |
| Mating Alignment | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |

Housing Features

| | |
|--------------------|----------------|
| Housing Material | PBT GF, PBT GV |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Color | Green |

Dimensions

| | |
|--------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

| | |
|-----------------------------|--------------|
| High Temperature Housing | No |
| Operating Temperature Range | -65 – 105 °C |

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 3000 |
| Packaging Method | Box |

Other

| | |
|---------|---------------------|
| Comment | With strain relief. |
|---------|---------------------|

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: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181) |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMPMODU Headers



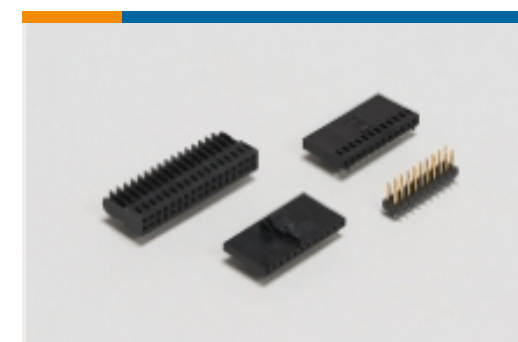
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