

5-147336-4 ✓ ACTIVE

AMPMODU | [AMPMODU Headers](#)

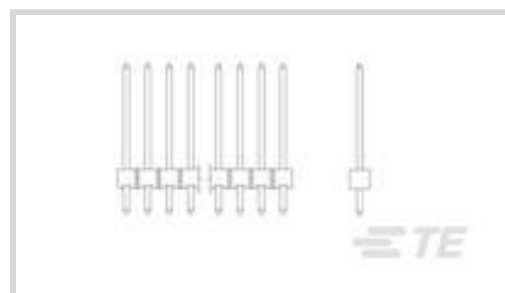
TE Internal #: 5-147336-4

PCB Mount Header, Vertical, Board-to-Board, 2 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin, Through Hole - Solder, Signal, AMPMODU Headers

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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: **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
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### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
Contact Type	Pin
Contact Current Rating (Max)	3 A

### Termination Features

Termination Post & Tail Length	3.18 mm[.125 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]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	500
Packaging Type	Carton

### Product Compliance



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

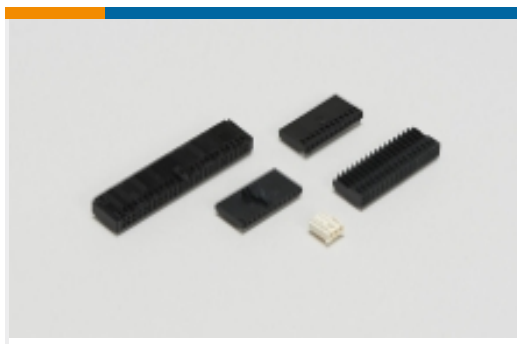
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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>

Also in the Series | **AMPMODU Headers**

 <p>Connector Caps &amp; Covers(1)</p>	 <p>PCB Connector Mounting(1)</p>	 <p>PCB Headers &amp; Receptacles(4870)</p>	 <p>PCB Latches, Locks &amp; Retainers(1)</p>
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Wire-to-Board Connector Assemblies &amp; Housings(5)



Wire-to-Board Connector Contacts(64)

## Customers Also Bought

TE Part #3-2319848-1  
END STACK DIP 10P G RECESS SEAL  
TUBETE Part #4-2176391-7  
RQ 1206 37K4 0.1% 10PPM 5K RLTE Part #2176314-4  
MELF SMA\_A 180R 0.1% 15PPM 0102  
0.3WTE Part #1-928836-2  
MOD2 PIN WITH A-PIN L/PTE Part #7-2176246-6  
CRGS2512 5% 1M8TE Part #3-1415020-1  
PT570N20TE Part #1-1437581-1  
ASE22RL=AUTOSLIDE DP

## Documents

### Product Drawings

02 MODII HDR SRST B/A .100CL

English

### Product Specifications

Application Specification

English