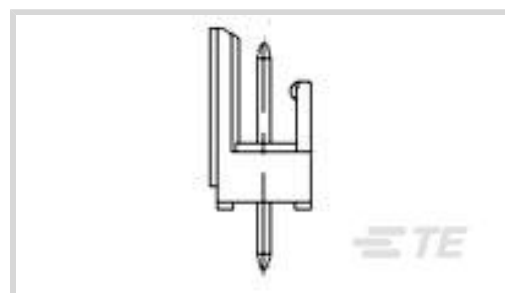




## AMPMODU

TE Internal #: 828548-3

PCB Mount Header, Vertical, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, Natural

[View on TE.com >](#)
[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: **3**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

Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	1 M $\Omega$
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### Body Features

Connector Profile	Standard
Primary Product Color	Natural

### Contact Features

Contact Layout	Inline
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Contact Mating Area Length	5.2 mm[.205 in]
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Mating Pin Diameter	.64 mm[.025 in]
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Contact Shape & Form	Round
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	1.3 $\mu\text{m}$ [51.18 $\mu\text{in}$ ]
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Contact Type	Pin
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### Termination Features

Round Termination Post & Tail Diameter	.64 mm[.025 in]
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Termination Post & Tail Length	2.9 mm[.114 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Retention	With
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Mating Alignment	With
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Mating Alignment Type	Polarized
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Housing Material	PBT GF
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### Dimensions

Connector Height	8.8 mm[.34 in]
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1.3 in

### Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application	Signal
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### Industry Standards

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

Packaging Quantity	1500
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Packaging Type	Carton
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## 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) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 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>

## Documents

### Product Drawings

[3P AMP QUICK STLEI](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_828548-3\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_828548-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_828548-3\\_E.3d\\_stp.zip](#)

828548-3

PCB Mount Header, Vertical, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline,  
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English

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