

2-825434-5 ✓ ACTIVE

AMPMODU | AMPMODU Headers

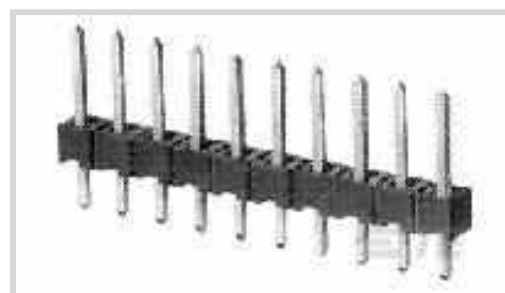
TE Internal #: 2-825434-5

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 25 Position, 2.54mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

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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: **25**

Centerline (Pitch): **2.54 mm [.1 in]**

## 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

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	25
Board-to-Board Configuration	Parallel

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 Vrms
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### Body Features

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

### Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 $\mu$ m
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Contact Shape & Form	Square
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Brass
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Contact Mating Area Plating Material	Gold
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Contact Type	Pin
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Contact Current Rating (Max)	5 A
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### Termination Features

Termination Post & Tail Length	5.7 mm[.224 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Alignment	Without
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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 Color	Green
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Housing Material	PBT GV
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### Usage Conditions

Housing Temperature Rating	Standard
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Operating Temperature Range	-65 – 105 °C
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Approved Standards	CSA LR7189, UL E28476
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	300
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Packaging Method	Box
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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: JAN 2020 (205) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2017 (174)
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**

<p>Automotive, Truck, Bus, &amp; Off-Road Headers(7)</p>	<p>Board-to-Board Headers &amp; Receptacles(5291)</p>	<p>PCB Connector Mounting(1)</p>	<p>PCB Connector Shrouds(1)</p>



PCB Latches, Locks & Retainers(2)



Wire-to-Board Connector Assemblies & Housings(3)



Wire-to-Board Connector Contacts(50)



Wire-to-Board Headers & Receptacles (75)

## Customers Also Bought



TE Model / Part #YD369-B99-AP400000  
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



TE Model / Part #YD369-B99-NS400000  
369 9 WAY PANEL MNT REC, 90 PCB GOLD,SKT



TE Model / Part #1-829265-8  
18P HV100 REC.CON. B/TE,6,2,NO KINK



TE Model / Part #1-146285-2  
12 MODII HDR SRST B/A .100CL



TE Model / Part #3848014001  
LSTT-38-6-SP



TE Model / Part #2-2176371-6  
RQ 0603 8K45 0.1% 10PPM 5K RL

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-825434-5\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-825434-5\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-825434-5\\_D.3d\\_stp.zip](#)

English

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### Agency Approvals

UL Report

English



[UL Report](#)

English