# 826942-3 - ACTIVE

### AMPMODU | AMPMODU Headers

TE Internal #: 826942-3 PCB Mount Header, Vertical, Board-to-Board, 6 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: 6

Number of Rows: 2

### Features

### Product Type Features

PCB Connector Assembly Type

Connector System

Header Type

PCB Mount Header

Board-to-Board

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	6
Number of Rows	2
Board-to-Board Configuration	Parallel
Electrical Characteristics	
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms
Body Features	
Primary Product Color	Green
Contact Features	
Mating Square Post Dimension	.64 mm[.025 in]

**C** For support call+1 800 522 6752

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PCB Contact Termination Area Plating Material Thickness	2 µm
Contact Shape & Form	Square
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	3 μm[118.11 μin]
Contact Type	Pin
Contact Current Rating (Max)	5 A
Termination Features	
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.2 mm[.126 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	PBT
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions	
Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	

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Packaging Quantity	1000	
Packaging Type	Carton	
<b>Product Compliance</b> 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: JAN 2023 (233) 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

## **Compatible Parts**

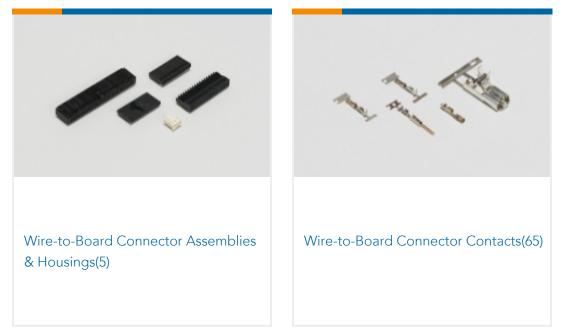


## Also in the Series | AMPMODU Headers

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## Customers Also Bought



TE Part #1-2176070-6	TE Part #825433-4	TE Part #4-2176230-3	TE Part #8-146274-6
3521 43R 1% 2W	MOD 2 PINHDR 1X4 P.	3522 2K7 5% 3W	36 MODII HDR SRST B/A .100CL
13 222 1E	RUAZ-SH-10312 FLC-C3VV-724VC C 1019 TI		

TE Part #6-1419130-5

OUAZ-SH-112L,900

### Documents

TE Part #3-1879501-9 CRGH2512 5% 39R 2W

Product Drawings
3P MOD2 STIFT LEI
English
3P MOD2 STIFT LEI
English
Agency Approvals

UL Report

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English