

5-826631-0 ✓ ACTIVE

[AMPMODU](#) | [AMPMODU Headers](#)

TE Internal #: 5-826631-0

AMPMODU Headers, PCB Mount Header, Right Angle, Board-to-Board, 50 Position, 2.54mm [.1in] Centerline, Breakaway

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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: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **50**

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	Right Angle
Number of Positions	50
Board-to-Board Configuration	Perpendicular

### Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

### Contact Features

Mating Square Post Dimension	.63 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Shape & Form	Square
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Mating Area Plating Material Thickness	.8 $\mu\text{m}$ [31.5 $\mu\text{in}$ ]
Contact Type	Pin
Contact Current Rating (Max)	5 A

#### Termination Features

Square Termination Post & Tail Dimension	.63 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 Color	Green
Housing Material	PBT

#### Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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#### Usage Conditions

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

#### Operation/Application

Circuit Application	Signal
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#### Industry Standards

Approved Standards	CSA LR7189, CUL E28476
UL Flammability Rating	UL 94V-0
Agency/Standard	CSA, UL
CSA Certified	Yes
CSA File Number	LR7189



UL File Number E28476

**Packaging Features**

Packaging Quantity 250  
 Packaging Method Box & 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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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>

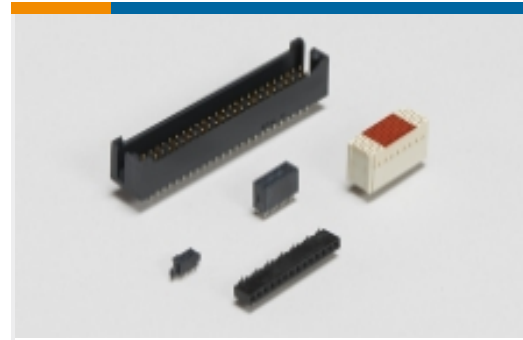
**Compatible Parts**



## Also in the Series | AMPMODU Headers



Automotive Headers(10)



Board-to-Board Headers & Receptacles(7045)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



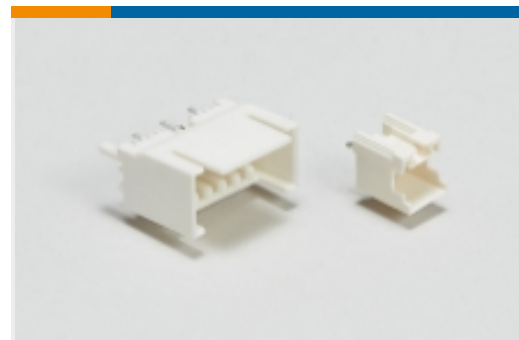
PCB Latches, Locks & Retainers(2)



Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Connector Contacts(66)



Wire-to-Board Headers & Receptacles (79)

## Customers Also Bought



TE Part #4-2176412-1  
5W XSM M/OX 5% 240R



TE Part #5-826634-0  
MOD2 PIN HEADER 50P



TE Part #2-2176338-2  
CRGCQ 0402 3K3 5%



TE Part #6-1676481-0  
CPF 0603 1K8 0.1% 25PPM 1K RL



TE Part #1-1734328-1  
Mini USB AB R/A,Rcpt,SMT,TRAY, 0.6 mm



TE Part #5-1879252-8  
RP 2B 7R50 0.1% 15PPM CUT LENGTH



TE Part #826631-4  
4P AMPMODU II PIN HEADER



TE Part #103361-1  
03 MODII HDR SRRA SHRD .100CL



TE Part #1-826631-2  
12P AMPMODU II STIFT LEI



TE Part #826631-2  
2P AMPMODU II PIN HEADER



## Documents

### Product Drawings

#### AMPMODU II PIN HEADER

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-826631-0\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-826631-0\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-826631-0\\_P.3d\\_stp.zip](#)

English

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

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### Agency Approvals

#### UL Report

English