

#### AMPMODU | AMPMODU Headers

TE Internal #: 825437-7

PCB Mount Header, Right Angle, Board-to-Board, 7 Position, 2.54

mm [.1 in] Centerline, Breakaway, AMPMODU Headers

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PCB Connector Assembly Type: PCB Mount Header

PCB Mount Orientation: Right Angle
Connector System: Board-to-Board

Number of Positions: 7
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	Right Angle
Number of Positions	7
Number of Rows	1
Board-to-Board Configuration	Perpendicular

### **Electrical Characteristics**

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

### **Body Features**

### **Contact Features**

Mating Square Post Dimension	.64 mm[.025 in]	



PCB Contact Termination Area Plating Material Thickness	2.5 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 μm[31.5 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	
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	
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0



#### **Packaging Features**

Packaging Quantity	400
Packaging Method	Box

### **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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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





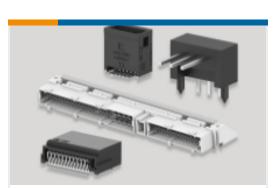
Connector Caps & Covers(1)



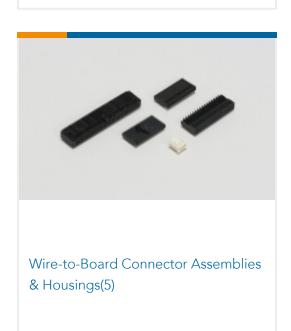
Connector Contacts(64)



Connector Hardware(2)



PCB Headers & Receptacles(4349)



# Customers Also Bought



MiniSAS HD 1x1 Rec Assy



TE Part # 1-1470108-2 2.0MM PITCH HEADER, DIP 12P



1 BAR ALTIMETER PRESSURE SENSOR W GEL

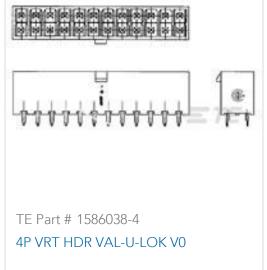








TE Part # 917790-1 2.5 S.D.L POST HDR ASY 12P STD







### **Documents**



#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_825437-7\_V.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_825437-7\_V.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_825437-7\_V.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use.

## Agency Approvals

**UL Report** 

English