

#### AMPMODU | AMPMODU Headers

TE Internal #: 829492-3

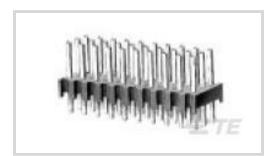
AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 9 Position, 2.54mm [.1in] Centerline, Breakaway, Gold,

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: 9

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	3
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	9
Board-to-Board Configuration	Parallel

## **Body Features**

Connector Profile	Standard
Post Size	.63 mm, .64 mm[.024 in][.025 in]

#### **Contact Features**

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, CuZn
Contact Base Material  Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	5 A
Termination Features	
Termination Post & Tail Length	3.15 mm[.124 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	Black
Housing Material	PCT
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Method	Box
Other	
Comment	Headers are side-to-side stackable.



#### **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: JAN 2018 (181) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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



Automotive, Truck, Bus, & Off-Road Headers(10)



Board-to-Board Headers & Receptacles(5302)

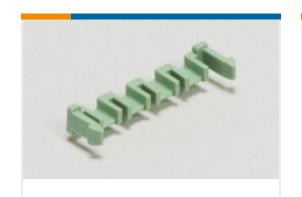


PCB Connector Mounting(1)



PCB Connector Shrouds(1)





PCB Latches, Locks & Retainers(2)



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



Wire-to-Board Connector Contacts(45)



Wire-to-Board Headers & Receptacles (76)

# Customers Also Bought



TE Model / Part #1-208223-1 CPC RCPT ASSEMBLY SIZE 13-9



TE Model / Part #188753-4 31P.IEC-F MALE CONN



TE Model / Part #2-2308107-0 DDR4 DIMM 288 PIN TH TYPE



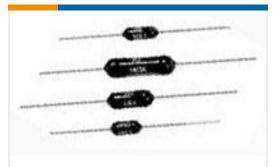
TE Model / Part #826648-1 1P MOD2 STIFT LEI



TE Model / Part #829492-4 3X 4P MOD2 STIFTLEI



TE Model / Part #4-1879130-0 RN 0402 3K65 0.1% 10PPM CUT LENGTH



TE Model / Part #1-1879642-8 H8 200K 0.1% 10PPM



TE Model / Part #2-1879642-2 H8 82K5 0.1% 10PPM



# **Documents**

Product Drawings
3X 3P MOD2 STIFTLEI

English

**Product Environmental Compliance** 

**TE Material Declaration** 

English