829114-8 × OBSOLETE

AMPMODU | AMPMODU Headers

TE Internal #: 829114-8

TE Internal Description: 2X 8P MOD2 STIFTLEI

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PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **16**

Number of Rows: **2**

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

Features

Product Type Features

PCB Connector 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
Number of Positions	16
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ

Body Features

Connector Profile	Low
Primary Product Color	Green

Contact Features

Contact Underplating Material	Nickel
Contact Shape & Form	Square

Contact Base Material	Copper Zinc
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Contact Mating Area Plating Material	Gold Flash
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	2.9 mm[.114 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	PBTP GV

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Housing Temperature Rating	Standard

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	700
Packaging Method	Carton

Other

Position Locations Omitted	0

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: JUNE 2025 (250) 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 240°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

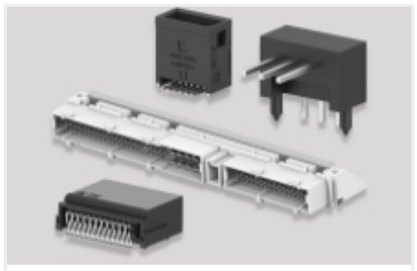
Also in the Series | AMPMODU Headers



Automotive Headers(3)



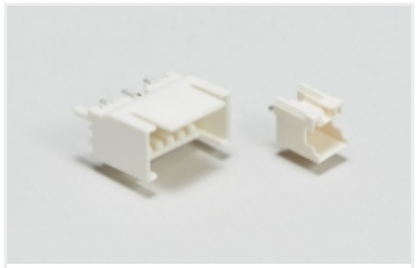
Automotive Signal & Power Headers(3)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)



Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



TE Part #171826-3

3P POST HEADER ASSY EI



TE Part #2301838-1

AMPL REC HD20, VERT, 9P, B/L,4-40 INS



TE Part #5103308-1

A/L LOW PRO HDR 10P VERT BLACK