

AMPMODU | AMPMODU Headers

TE Internal #: 829114-8

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 16 Position, 2.54mm [.1in] Centerline, Breakaway, Gold

Flash, 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: 16

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	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	16
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ	

Body Features

Connector Profile Standard

Contact Features

Contact Shape & Form	Square
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	CuZn
Contact Mating Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Contact Type	Pin
Contact Current Rating (Max)	5 A
Termination Features	
Termination Post & Tail Length	2.9 mm[.114 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	PBTP GV
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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
Comment	Low Profile

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 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

Compatible Parts



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Also in the Series | AMPMODU Headers



Automotive Headers(10)



Board-to-Board Headers & Receptacles(7077)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



PCB Latches, Locks & Retainers(2)



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

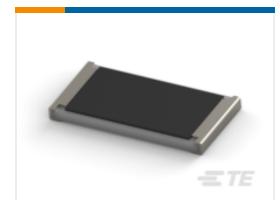


Wire-to-Board Connector Contacts(66)



Wire-to-Board Headers & Receptacles (79)

Customers Also Bought



TE Part #2-2176070-4 SMD Power Resistor: 2 Watt, 3521 Series



TE Part #1761681-3
IDC LOW PRO HDR 10P VERT HT
BLACK



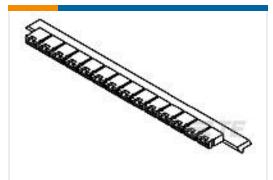
TE Part #2-1761606-3
IDC LOW PRO HDR 10P VERT LG LAT
BLUE



TE Part #2-1761607-3
IDC LOW PRO HDR 10P RA LG LAT



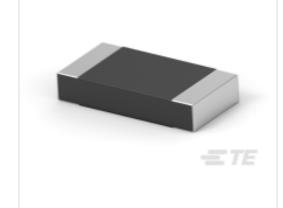
TE Part #2-1419130-8 TSC-124L3H,000



TE Part #142270-1 CONNECTOR SHUNT 2 P



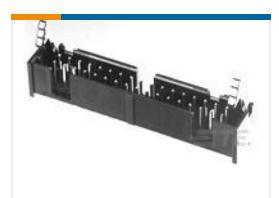
TE Part #829068-1 HD SCHRAUB-SICHERG



TE Part #4-1625827-3 Metal Chip Resistor: Current Sense



TE Part #215079-8
FEMALE-ON-BOARD CONNECTOR
TOP ENTRY



TE Part #2-1761606-5
IDC LOW PRO HDR 14P VERT LG LA



Documents

Product Drawings
2X 8P MOD2 STIFTLEI

English

Product Specifications

interconnection system ampmod ii pinheader

English

Product Specification

English