

TE Internal #: 5-1775444-9

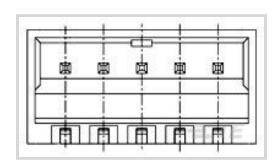
PCB Mount Header, Right Angle, Wire-to-Board, 9 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal,

Natural

View on TE.com >



Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 1.5 mm Headers



Connector System: Wire-to-Board

Number of Positions: 9 Number of Rows: 1

Centerline (Pitch): 1.5 mm [.059 in] PCB Mount Orientation: Right Angle

All AMP HPI 1.5 mm Headers (57)

Features

Product Type Features	
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Configuration Features	
Number of Positions	9
Number of Rows	1
PCB Mount Orientation	Right Angle
Electrical Characteristics	
Operating Voltage	250 VAC
Body Features	
Primary Product Color	Natural
Contact Features	
Contact Mating Area Length	2.7 mm[.106 in]

.4 mm[.016 in]

2.54 μm[100 μin]

Mating Square Post Dimension

PCB Contact Termination Area Plating Material Thickness



Contact Layout	Inline
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A
Termination Features	
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Rectangular Termination Post & Tail Width	.6 mm[.024 in]
Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	1.5 mm[.059 in]
Dimensions	
Connector Length	15 mm[.591 in]
Connector Height	4.45 mm[.175 in]
Connector Width	7 mm[.276 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal



Industry Standards

UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Type	Reel

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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 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







Customers Also Bought



















Documents

Product Drawings

EMIX CONN., 1.5MM PITCH, HDR, R/A, 9P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1775444-9_A2.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_5-1775444-9_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1775444-9_A2.3d_stp.zip

English

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

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English