



Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 1.25 mm Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Number of Rows: **1**

[All AMP HPI 1.25 mm Headers \(0\)](#)

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	100 VDC
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Body Features

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Primary Product Color	Natural
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Mating Tab Width	.74 mm[.029 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Mating Tab Thickness	.3 mm[.012 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Nickel (Ni)
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Width	.35 mm[.014 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.012 in]
Terminations per Post (Max)	3
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Connector Width	4.7 mm[.185 in]
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Connector Height	3.45 mm[.136 in]
Connector Length	10.29 mm[.405 in]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1000
Packaging Method	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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

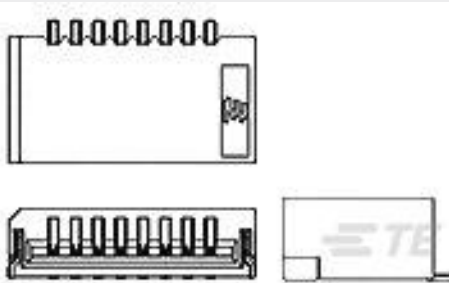
Product Compliance Disclaimer

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>

Customers Also Bought



TE Part #5-147383-3
30 50/50 HDR SMT.390 W/HD VC



TE Part #1-84981-1
1MM FFC SMT H ASSY 11P EMBOSS



TE Part #6368150-1
MJ,TE,8P,CAT5,SHIELDED



TE Part #63824-1
250 FASTON TAB TPBR



TE Part #1-1462038-4
IM04NS=IM RELAY 140mW 6V



TE Part #1622711-1
LR2 1% 20R




TE Part #2176346-7
CRGCQ 1210 10R 5%



TE Part #1-1415899-3
RZ03-1A4-D005



TE Part #556881-4
RCPT ASY,VRT,AMPINRGY WTB,4POS



TE Part #293607-1
NECTOR M CABLE NUT DIA 7.5-8.4 MM

Documents

Product Drawings

1.25 WTB, HDR, SMT, RA, 4P

English

CAD Files

Customer View Model

ENG_CVM_1734261-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1734261-4_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1734261-4_A.2d_dxf.zip

English

3D PDF

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