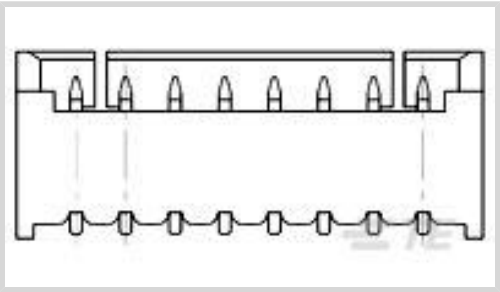




Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 1.25 mm Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

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	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	.76 mm[.03 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	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	.8 A

Termination Features

Rectangular Termination Post & Tail Width	.35 mm[.014 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.012 in]
Termination Post & Tail Length	2.3 mm[.091 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PA 9T GF
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Connector Width	4.7 mm[.185 in]
Connector Height	3.2 mm[.126 in]
Connector Length	11.75 mm[.463 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	52
Packaging Method	Box, Tube

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	Wave solder capable to 265°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

TE Part # 440147-2
1.0 WTB Terminal 30u" Au

TE Part # 2405416-1
8P TO 8P 300MM CABLE ASSEMBLY, 440146-8

TE Part # 440146-8
1.25mm WTB Socket,Housing,8p

Customers Also Bought



TE Part #7-2176392-0
RQ 1206 698K 0.1% 10PPM 5K RL

TE Part #794413-1
03P .156 MNL CAP HSG

TE Part #6-2176392-9
RQ 1206 681K 0.1% 10PPM 5K RL

TE Part #6-1879135-0
RN 0603 4R87 0.1% 10PPM 5K RL

TE Part #6-2176389-0
RQ 1206 442R 0.1% 10PPM 5K RL

TE Part #1734829-5
1.25 WTB HDR DIP, 5 POS

TE Part #440146-8
1.25mm WTB Socket,Housing,8p

TE Part #9-2176390-6
RQ 1206 11K3 0.1% 10PPM 5K RL

TE Part #1-2176391-5
RQ 1206 17K4 0.1% 10PPM 5K RL

TE Part #3-2176391-4
RQ 1206 27K4 0.1% 10PPM 5K RL

Documents

Product Drawings
1.25 WTB HDR DIP, 8 POS

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1734829-8_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1734829-8_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1734829-8_A.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