TE Internal #: 1734829-6

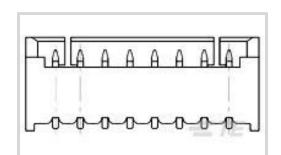
TE Internal Description: 1.25 WTB HDR DIP, 6 POS

AMP HPI 1.25 mm Headers

View on TE.com >



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



Connector System: Wire-to-Board

Number of Positions: 6
Number of Rows: 1

Centerline (Pitch): 1.25 mm [.049 in]
PCB Mount Orientation: Right Angle

All AMP HPI 1.25 mm Headers (0)

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	6
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	125 VAC

Body Features

Primary Product Color	Natural	

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Layout	Inline
Mating Tab Width	.76 mm[.03 in]



Rectangular Termination Post & Tail Thickness 3.5 mm[.012 in] Rectangular Termination Post & Tail Width 3.5 mm[.091 in] Termination Post & Tail Length 2.3 mm[.091 in] Termination Method to PCB Through Hole - Solder **Acchanical Attachment** Mating Alignment Type Polarization Without Connector Mounting Type Board Mount With PCB Mount Alignment Without PCB Mount Retention Without PCB Mount Retention Without PCB Mount Retention Without PCB Mount Retention PCB Mount PCB Mou		
Contact Underplating Material Nickel Contact Underplating Material Nickel PCB Contact Termination Area Plating Material Tin Contact Base Material Tin Contact Base Material Tin Contact Mating Area Plating Material Tin Contact Type Pin Contact Current Rating (Max) 8A Fermination Features Rectangular Termination Post & Tail Unidenses 3mm(.012 in) Rectangular Termination Post & Tail Unidenses 3mm(.014 in) Termination Post & Tail Length 3mm(.091 in) Termination Method to PCB Through Hole - Solder Mechanical Attachment Mating Alignment Type Polarization Waiting Alignment Type Board Mount Connector Mounting Type Board Mount Without Connector Mounting Type Board Mount Without PCB Mount Alignment PCB Mount Retention Without PCB Mount Retention Without Connector Method to PCB 125 rmn(.019 in) Dimensions Cornector Length 9.25 rmn(.364 in) Connector Height 3.2 mm(.185 in) Seage Conditions Operating Temperature Range 9.25 - 85 °C(-13 - 185 °F) Diperation/Application	Mating Tab Thickness	.3 mm[.012 in]
Contact Underplating Material PCB Contact Termination Area Plating Material Contact Base Material Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Type Contact Current Rating (Max) Fermination Features Rectangular Termination Post & Tail Unickness Rectangular Termination Post & Tail Unickness Rectangular Termination Post & Tail Unickness Rectangular Termination Post & Tail Width Sas mm(.014 in) Termination Method to PCB Through Hole - Solder Mechanical Attachment Mating Alignment Type Polarization Without Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment PCB Mount Recention Without PCB Mount Recention Without PCB Mount Recention PAPT GF Centerline (Pitch) Dimensions Connector Length PAPT GF Centerline (Pitch) Dimensions Connector Height Connector Width At / mm(.185 in) Dispersation/Application	PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Phosphor Bronze Contact Mating Area Plating Material Tin Contact Type Pin Contact Type Pin Contact Current Rating (Max) 8. A emination Features Rectangular Termination Post & Tail United States Post & Tail Width 3.5 mml,012 inj Rectangular Termination Post & Tail Width 3.5 mml,012 inj Termination Post & Tail Length 2.3 mml,012 inj Termination Post & Tail Length 3.5 mml,014 inj Termination Method to PCB Through Hole - Solder Mechanical Attachment Mating Alignment Type Polarization Mating Alignment Type Beard Mount Mating Alignment Without Connector Mounting Type Beard Mount Mating Alignment Without PCB Mount Alignment PCB Mount Alignment PCB Mount Alignment PCB Mount Retention Without Housing Material PA 9T GF Centerline (Pitch) 1.25 mml,049 inj Dimensions Connector Length 9.25 mml,364 inj Connector Height 3.2 mml,126 inj Jesges Conditions Operating Temperature Range -25 –85 °C-13 – 185 °F Departitor/Application	Contact Mating Area Plating Material Finish	Matte
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Rectangular Termination Post & Tail Thickness	Contact Type	Pin
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PCB Mount Retention Housing Features Housing Material Centerline (Pitch) Dimensions Connector Length Connector Height Connector Width A7 mm[.185 in] Departing Temperature Range Departion/Application Without Without Without Without Without Without Without PA 9T GF PA	Mating Alignment	With
Housing Material PA 9T GF Centerline (Pitch) 1.25 mm[.049 in] Dimensions Connector Length 9.25 mm[.364 in] Connector Height 3.2 mm[.126 in] Connector Width 4.7 mm[.185 in] Usage Conditions Operating Temperature Range -25 – 85 °C[-13 – 185 °F] Operation/Application	PCB Mount Alignment	Without
Housing Material Centerline (Pitch) 1.25 mm[.049 in] Dimensions Connector Length 9.25 mm[.364 in] Connector Height 3.2 mm[.126 in] Connector Width 4.7 mm[.185 in] Usage Conditions Operating Temperature Range Departion/Application	PCB Mount Retention	Without
Centerline (Pitch) Dimensions Connector Length Connector Height Connector Width Jeage Conditions Operating Temperature Range Operation/Application 1.25 mm[.049 in] 9.25 mm[.364 in] 3.2 mm[.126 in] 4.7 mm[.185 in] December 185 °F]	Housing Features	
Connector Length 9.25 mm[.364 in] Connector Height 3.2 mm[.126 in] Connector Width 4.7 mm[.185 in] Usage Conditions Operating Temperature Range -25 – 85 °C[-13 – 185 °F] Operation/Application	Housing Material	PA 9T GF
Connector Length Connector Height 3.2 mm[.126 in] Connector Width 4.7 mm[.185 in] Usage Conditions Operating Temperature Range Operation/Application	Centerline (Pitch)	1.25 mm[.049 in]
Connector Height Connector Width Jsage Conditions Operating Temperature Range Operation/Application 3.2 mm[.126 in] 4.7 mm[.185 in] -25 – 85 °C[-13 – 185 °F] Operation/Application	Dimensions	
Connector Width Jsage Conditions Operating Temperature Range Operation/Application 4.7 mm[.185 in] -25 – 85 °C[-13 – 185 °F]	Connector Length	9.25 mm[.364 in]
Jsage Conditions Operating Temperature Range -25 – 85 °C[-13 – 185 °F] Operation/Application	Connector Height	3.2 mm[.126 in]
Operating Temperature Range -25 – 85 °C[-13 – 185 °F] Operation/Application	Connector Width	4.7 mm[.185 in]
Operation/Application	Jsage Conditions	
	Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
Circuit Application Signal	Operation/Application	
	Circuit Application	Signal



Industry Standards

UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	66
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: JUNE 2024 (241) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
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





Customers Also Bought





















Documents

Product Drawings
1.25 WTB HDR DIP, 6 POS

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_1734829-6_A.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_1734829-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1734829-6_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