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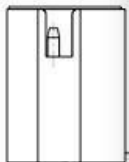
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Connectors > PCB Connectors > Wire-To-Board Connectors > Headers & Receptacles

1775470-4

HPI CONN., 2.0MM, V/T, SMT, 4P, 80U"



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Compatible Parts & Tooling

HPI CONN., 2.0MM,

Mount : PCB Mount

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Product Compliance

Product Drawings

HPI CONN., 2.0MM, V/T, SMT, 4P, 80U"

HPI CONN., 2.0MM, V/T, SMT, 4P, 80U" English

CAD Files

PCB Design

[CAD Models from Ultra Librarian](#)

3D PDF

3D\_CVM\_CVM\_1775470-4\_B.pdf 3D

Customer View Model

ENG\_CVM\_CVM\_1775470-4\_B.2d\_dxf.zip

English

ENG\_CVM\_CVM\_1775470-4\_B.3d\_igs.zip

English

ENG\_CVM\_CVM\_1775470-4\_B.3d\_stp.zip

English

Datasheets & Catalog Pages

1-1773713-2\_HIGH\_PERFORMANCE\_INTERCONNECT\_QUICK\_REFERENCE\_GUIDE\_EN

ENG\_DS\_1-1773713-2\_HPI\_QRG\_EN\_0114\_1-1773713-2HPI\_Connectors\_0114.pdf English

Product Specifications

Product Specification

ENG\_SS\_108-57100\_D.pdf English

Qualification Test Report

ENG\_SS\_501-57058\_B.pdf English

Feedback



Product Environmental Compliance	TE Material Declaration <a href="#">ENG_PC_MD_1775470-4_B_MD_1775470-4_050420142255_dmtec.pdf</a> English
Agency Approvals	UL <a href="#">ENG_AAD_UL_E28476_20001207__C.pdf</a> English UL Report <a href="#">ENG_AAD_UL_CERT_ML_E186634_E28476_2000120__B.pdf</a> English
Please review product documents or <a href="#">contact us</a> for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.	
Product Type Features	PCB Connector Assembly Type : <b>PCB Mount Header</b> Connector System : <b>Wire-to-Board</b> Header Type : <b>Partially Shrouded</b> Sealable : <b>No</b> Connector & Contact Terminates To : <b>Printed Circuit Board</b> Wire/Cable Type : <b>Discrete Wire</b>
Configuration Features	PCB Mount Orientation : <b>Vertical</b> Number of Positions : <b>4</b> Number of Rows : <b>1</b>
Electrical Characteristics	Operating Voltage (VAC): <b>250</b> Operating Voltage (VDC): <b>250</b>
Contact Features	Contact Base Material : <b>Brass</b> PCB Contact Termination Area Plating Material : <b>Nickel</b> Contact Underplating Material : <b>Nickel</b> Contact Shape : <b>Square</b> Contact Mating Area Plating Material : <b>Tin</b> Contact Mating Area Plating Material Finish : <b>Matte</b> Contact Type : <b>Pin</b> Contact Current Rating (Max) (A): <b>3</b> PCB Contact Termination Area Plating Thickness : <b>2 µm [ 80 µin ]</b> PCB Contact Termination Area Plating Material Finish : <b>Matte</b> Mating Post Length : <b>3.5 mm [ .138 in ]</b> Contact Layout : <b>Inline</b>
Termination Features	Termination Method to Printed Circuit Board : <b>Surface Mount</b> Termination Post & Tail Length : <b>2 mm [ .079 in ]</b>

Mechanical Attachment	PCB Mount Retention Type : <b>Solder Peg</b> Mating Alignment : <b>With</b> Mating Alignment Type : <b>Polarization</b> PCB Mount Alignment : <b>Without</b> Mating Retention : <b>Without</b> PCB Mount Retention : <b>With</b> Connector Mounting Type : <b>Board Mount</b> Strain Relief : <b>Without</b> Contact Retention : <b>Without</b>
Housing Features	Centerline (Pitch) : <b>2 mm [ .079 in ]</b> Housing Color : <b>Natural</b> Housing Material : <b>PA 9T GF</b>
Dimensions	Wire Size (mm²): <b>.05</b> Wire Size (AWG): <b>30</b> Length : <b>11.4 mm [ .449 in ]</b> Height : <b>6.15 mm [ .242 in ]</b> Width : <b>5.4 mm [ .213 in ]</b>
Usage Conditions	Operating Temperature Range : <b>-25 – 85 °C [ -13 – 185 °F ]</b>
Industry Standards	UL Flammability Rating : <b>UL 94V-0</b>
Packaging Features	Packaging Quantity : <b>500</b> Packaging Method : <b>Reel</b>
EU RoHS Directive 2011/65/EU	<i>This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).</i>
EU ELV Directive 2000/53/EC	
China RoHS 2 Directive MIIT Order No 32, 2016	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: <b>JAN 2019 (197)</b> Candidate List Declared Against: <b>JAN 2018 (181)</b>
Halogen Content	
Solder Process Capability	Reflow solder capable to 260°C

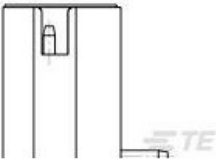
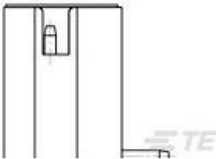
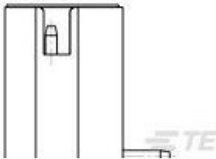
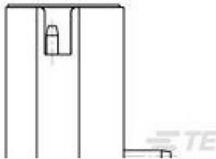
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>
Compliance Documents	There may be Environmental Compliance related documents on the <a href="#">DOCUMENTATION Tab</a>
Disclaimer	<p>This information is provided based on reasonable inquiry of our suppliers and represents our current 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: <a href="https://echa.europa.eu/guidance-documents/guidance-on-reach">https://echa.europa.eu/guidance-documents/guidance-on-reach</a></p>

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<p>WIRE-TO-BOARD HEADERS &amp;...</p> <p><b>1775470-4</b></p> <p>HPI CONN., 2.0MM, V/T, SMT, 4P, 80U*</p>  <p>From <b>In-Stock</b></p> <p>PCB Connector Assembly Type : <b>PCB Mount Header</b> PCB Mount Orientation : <b>Vertical</b> Connector System : <b>Wire-to-Board</b> Number of Positions : <b>4</b> Centerline (Pitch) : <b>2 mm</b></p>	<p>WIRE-TO-BOARD HEADERS &amp;...</p> <p><b>1775470-7</b></p> <p>HPI CONN., 2.0MM, V/T, SMT, 7P, 80U*</p>  <p>From <b>In-Stock</b></p> <p>PCB Connector Assembly Type : <b>PCB Mount Header</b> PCB Mount Orientation : <b>Vertical</b> Connector System : <b>Wire-to-Board</b> Number of Positions : <b>7</b> Centerline (Pitch) : <b>2 mm</b></p>	<p>WIRE-TO-BOARD HEADERS &amp;...</p> <p><b>1-1775470-2</b></p> <p>HPI CONN., 2.0MM, V/T, SMT, 12P, 80U*</p>  <p>From <b>In-Stock</b></p> <p>PCB Connector Assembly Type : <b>PCB Mount Header</b> PCB Mount Orientation : <b>Vertical</b> Connector System : <b>Wire-to-Board</b> Number of Positions : <b>12</b> Centerline (Pitch) : <b>2 mm</b></p>	<p>WIRE-TO-BOARD HEADERS &amp;...</p> <p><b>1-1775470-1</b></p> <p>HPI CONN., 2.0MM, V/T, SMT, 11P, 80U*</p>  <p>From <b>In-Stock</b></p> <p>PCB Connector Assembly Type : <b>PCB Mount Header</b> PCB Mount Orientation : <b>Vertical</b> Connector System : <b>Wire-to-Board</b> Number of Positions : <b>11</b> Centerline (Pitch) : <b>2 mm</b></p>
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Wire-to-Board  
Connector Contacts  
(2)



Wire-to-Board  
Connector Housings  
(93)



Wire-to-Board  
Headers &  
Receptacles (135)