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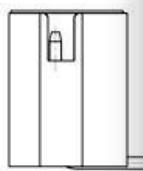
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Connectors > PCB Connectors > Wire-To-Board Connectors > Headers & Receptacles

1775470-4

HPI CONN., 2.0MM, V/T, SMT,



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Compatible Parts & Tooling

CONN., 2.0MM,

: PCB Mount

cal
board

in]

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Extended Price:

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Documents

Features

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  ENG_PC_MD_1775470-4_B_MD_1775470-4_050420142255_dmtec.pdf English
Agency Approvals	UL  ENG_AAD_UL_E28476_20001207_C.pdf English UL Report  ENG_AAD_UL_CERT_ML_E186634_E28476_2000120_B.pdf English
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.	
Product Type Features	PCB Connector Assembly Type : PCB Mount Header Connector System : Wire-to-Board Header Type : Partially Shrouded Sealable : No Connector & Contact Terminates To : Printed Circuit Board Wire/Cable Type : Discrete Wire
Configuration Features	PCB Mount Orientation : Vertical Number of Positions : 4 Number of Rows : 1
Electrical Characteristics	Operating Voltage (VAC): 250 Operating Voltage (VDC): 250
Contact Features	Contact Base Material : Brass PCB Contact Termination Area Plating Material : Nickel Contact Underplating Material : Nickel Contact Shape : Square Contact Mating Area Plating Material : Tin Contact Mating Area Plating Material Finish : Matte Contact Type : Pin Contact Current Rating (Max) (A): 3 PCB Contact Termination Area Plating Thickness : 2 µm [80 µin] PCB Contact Termination Area Plating Material Finish : Matte Mating Post Length : 3.5 mm [.138 in] Contact Layout : Inline
Termination Features	Termination Method to Printed Circuit Board : Surface Mount Termination Post & Tail Length : 2 mm [.079 in]



Mechanical Attachment	PCB Mount Retention Type : Solder Peg Mating Alignment : With Mating Alignment Type : Polarization PCB Mount Alignment : Without Mating Retention : Without PCB Mount Retention : With Connector Mounting Type : Board Mount Strain Relief : Without Contact Retention : Without
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Housing Features	Centerline (Pitch) : 2 mm [.079 in] Housing Color : Natural Housing Material : PA 9T GF
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Dimensions	Wire Size (mm ²): .05 Wire Size (AWG): 30 Length : 11.4 mm [.449 in] Height : 6.15 mm [.242 in] Width : 5.4 mm [.213 in]
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Usage Conditions	Operating Temperature Range : -25 – 85 °C [-13 – 185 °F]
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Industry Standards	UL Flammability Rating : UL 94V-0
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Packaging Features	Packaging Quantity : 500 Packaging Method : Reel
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EU RoHS Directive 2011/65/EU	
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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).

EU ELV Directive 2000/53/EC	
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China RoHS 2 Directive MIIT Order No 32, 2016	
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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Halogen Content	
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Solder Process Capability	Reflow solder capable to 260°C
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Statement of Compliance

[Statement of Compliance pdf](#)

Compliance Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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>

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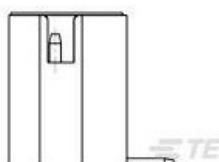
THIS PRODUCT

TOP RESULTS

WIRE-TO-BOARD HEADERS &...

1775470-4

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



From

In-Stock

PCB Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

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

Number of Positions : **4**

Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

1775470-7

HPI CONN., 2.0MM, V/T, SMT, 7P, 80U"



In-Stock

PCB Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

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

Number of Positions : **7**

Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

1-1775470-2

HPI CONN., 2.0MM, V/T, SMT, 12P, 80U"



From

In-Stock

PCB Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

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

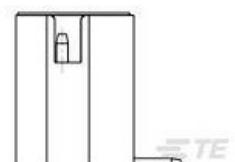
Number of Positions : **12**

Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

1-1775470-1

HPI CONN., 2.0MM, V/T, SMT, 11P, 80U"



From

In-Stock

PCB Connector Assembly Type : **PCB Mount Header**

PCB Mount Orientation : **Vertical**

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

Number of Positions : **11**

Centerline (Pitch) : **2 mm**

Also in the Series | [HPI](#)



Wire-to-Board
Connector Contacts
(2)



Wire-to-Board
Connector Housings
(93)



Wire-to-Board
Headers &
Receptacles (135)

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