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1-1735446-2

2MM PITCH HPI POST HEADER, VERTICAL, 12P



TE Internal #: 1-1735446-2

TE Internal Description: 2MM PITCH HPI

POST HEADER, VERTICAL, 12P

PCB Connector Assembly Type: PCB Mount

Header

PCB Mount Orientation: Vertical Connector System: Wire-to-Board

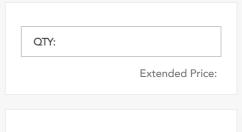
Number of Positions: 12

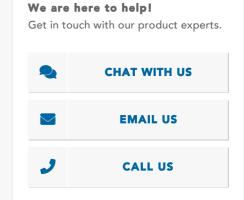
Centerline (Pitch): 2 mm [.079 in]

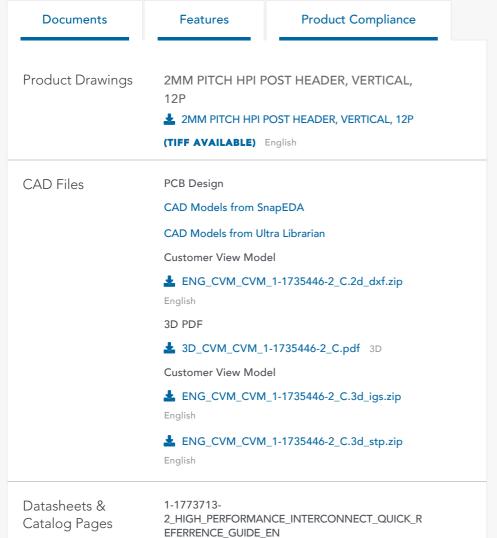


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LENG_DS_1-1773713-2_HPI_QRG_EN_0114_1-1773713-2HPI_Connectors_0114.pdf English

Product Specifications **Product Specification**

L ENG_SS_108-51087_D.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

Connector Contact Load Condition: Fully Loaded

PCB Mount Orientation: Vertical **Features**

> Number of Positions: 12 Number of Rows: 1

Electrical Characteristics Operating Voltage (VAC): 250 Operating Voltage (VDC): 250

Contact Features

Contact Base Material: Copper Alloy

PCB Contact Termination Area Plating Material: Tin

Contact Underplating Material: Nickel

Contact Shape: Square

Contact Mating Area Plating Material: Tin

Contact Mating Area Plating Material Finish: Bright

Contact Type: Pin

Contact Current Rating (Max) (A): 3

PCB Contact Termination Area Plating Thickness:

2.03 µm [79.92 µin]

PCB Contact Termination Area Plating Material Finish: Bright

Mating Post Length: 3.35 mm [.131 in]

Contact Layout: Inline

Termination **Features**

Termination Method to Printed Circuit Board: Through Hole

Termination Post & Tail Length: 3.4 mm [.134 in]

Mechanical Attachment PCB Mount Retention Type: Retention Solder Tails

PCB Mount Alignment: Without

Mating Retention: With PCB Mount Retention: With

Connector Mounting Type: Board Mount

Mating Retention Type: Locking

Strain Relief: Without Contact Retention: Without

Housing Features

Centerline (Pitch): 2 mm [.079 in]

Housing Color: Natural

Housing Material: Thermoplastic







Dimensions	Wire Size (AWG): 30 – 30 PCB Thickness (Recommended): 1 – 1.6 mm [.039 – .063 in] Length: 26 mm [1.0236 in] Height: 6.07 mm [.239 in] Width: 4.7 mm [.185 in]
Usage Conditions	Operating Temperature Range : -25 – 85 °C [-13 – 185 °F]
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity: 200 Packaging Method: Bag
	irective 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and
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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	
Solder Process Capability	Wave solder capable to 240°C
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/quidancedocuments/guidance-on-reach

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1-1735446-2

2MM PITCH HPI POST HEADER, VERTICAL, 12P



In-Stock From

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

PCB Mount Orientation: Vertical Connector System: Wire-to-

Number of Positions: 12 Centerline (Pitch): 2 mm

WIRE-TO-BOARD HEADERS &...

1-1735446-0

2MM PITCH HPI POST HEADER, VERTICAL, 10P



In-Stock From

PCB Connector Assembly Type: PCB Mount Header

PCB Mount Orientation: Vertical

Connector System: Wire-to-

Number of Positions: 10 Centerline (Pitch): 2 mm

WIRE-TO-BOARD HEADERS &...

1735446-9

2MM PITCH HPI POST HEADER, VERTICAL, 9P



In-Stock From

PCB Connector Assembly Type: PCB Mount Header

PCB Mount Orientation: Vertical Connector System: Wire-to-

Number of Positions: 9 Centerline (Pitch): 2 mm WIRE-TO-BOARD HEADERS &...

1735446-4

2MM PITCH HPI POST HEADER, VERTICAL, 4P



In-Stock From

PCB Connector Assembly Type:

PCB Mount Header

PCB Mount Orientation: Vertical Connector System: Wire-to-

Number of Positions: 4 Centerline (Pitch): 2 mm ABOUT TE CONNECTIVITY FOR PARTNERS SUPPORT CALL US LIVE CHAT UNITED STATES (EN)