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2-440054-3

HPI 2.0MM,HDR,3POSVERTICAL,BLU



TE Internal #: **2-440054-3**
TE Internal Description: **HPI 2.0MM,HDR,3POSVERTICAL,BLU**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **3**
Centerline (Pitch) : **2 mm [.079 in]**

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Compatible Parts & Tooling

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Product Drawings

HPI 2.0MM,HDR,3POSVERTICAL,BLU
HPI 2.0MM,HDR,3POSVERTICAL,BLU English

CAD Files

PCB Design
CAD Models from SnapEDA
3D PDF
3D_CVM_CVM_2-440054-3_F4.pdf 3D
Customer View Model
ENG_CVM_CVM_2-440054-3_F4.2d_dxf.zip
English
ENG_CVM_CVM_2-440054-3_F4.3d_igs.zip
English
ENG_CVM_CVM_2-440054-3_F4.3d_stp.zip
English

Datasheets & Catalog Pages

1-1773713-2_HIGH_PERFORMANCE_INTERCONNECT_QUICK_REFERRENCE_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
[illegible]1-57058_B.pdf English

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Product Environmental Compliance

TE Material Declaration

ENG_PC_MD_2-440054-3_MD_2-440054-3_A.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

CSA Certificate

ENG_AAD_CSA_222156_6233_1475575_A.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 : **3**
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 : **Tin**
Contact Shape : **Square**
Contact Mating Area Plating Material : **Tin**
Contact Mating Area Plating Material Finish : **Bright**
Contact Mating Area Plating Material Thickness : **2.032 µm [80 µin]**
Contact Type : **Pin**
Contact Current Rating (Max) (A): **3**
PCB Contact Termination Area Plating Material Finish : **Bright**
Mating Post Length : **3.35 mm [.131 in]**

Termination Features

Termination Method to Printed Circuit Board : **Through Hole**
Termination Method to Wire & Cable : **Crimp**
Termination Post & Tail Length : **3.4 mm [.134 in]**
Terminations per Post (Max) : **3**

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Mechanical Attachment	PCB Mount Retention Type : **Kinked Tines** Contact Retention Type : **Locking Lance** PCB Mount Alignment : **Without** Mating Retention : **Without** PCB Mount Retention : **With** Connector Mounting Type : **Board Mount** Contact Retention : **With**
Housing Features	Centerline (Pitch) : **2 mm [.079 in]** Housing Color : **Blue** Housing Material : **Nylon 66 GF**
Dimensions	Wire Size (AWG): **30 – 24** Accepts Wire Insulation Diameter Range : **.9 mm [.0354 – .059 in]** PCB Thickness (Recommended) : **1 – 1.6 mm [.039 – .063 in]** Length : **8 mm [.314 in]** Height : **6.05 mm [.238 in]** Width : **4.7 mm [.185 in]**
Usage Conditions	Operating Temperature Range : **-25 – 85 °C [-13 – 185 °F]**
Operation/Application	Circuit Application : **Signal**
Industry Standards	UL Flammability Rating : **UL 94V-0**
Packaging Features	Packaging Quantity : **300** Packaging Method : **Bag**
EU RoHS Directive 2011/65/EU	*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	
China RoHS 2 Directive MIIT Order No 32, 2016	
EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: **2019年1月（197）** SvHCs候选清单的声明更新至: **2019年1月（197）**
Halogen Content	

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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/guidance-documents/guidance-on-reach

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2-440054-3

HPI 2.0MM, HDR, 3POSVERTICAL, BLU



Non-Stocked

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

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-**

TOP RESULTS

WIRE-TO-BOARD HEADERS &...

2-440054-7

3P 2.0MM PITCH HPI, VERTICAL,



Non-Stocked

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

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-**

WIRE-TO-BOARD HEADERS &...

3-440054-3

2.0MM HDR, 3POS, VERTICAL TUBE



Non-Stocked

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

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-**

WIRE-TO-BOARD HEADERS &...

4-440054-3

HPI 2.0MM, HDR, 3POSVERTICAL, YEL



Non-Stocked

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

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-**

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Board
Number of Positions : **3**
Centerline (Pitch) : **2 mm**

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