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6-440054-8

4P 2.0MM PITCH HPI,VERTICAL,



TE Internal #: **6-440054-8**
TE Internal Description: **4P 2.0MM PITCH
HPI,VERTICAL,**

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

PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **4**
Centerline (Pitch) : **2 mm [.079 in]**

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Features

Product Compliance

Product Drawings

4P 2.0MM PITCH HPI,VERTICAL,
 [4P 2.0MM PITCH HPI,VERTICAL,](#) English

CAD Files

PCB Design
[CAD Models from SnapEDA](#)
3D PDF
 [3D_CVM_CVM_6-440054-8_F4.pdf](#) 3D
Customer View Model
 [ENG_CVM_CVM_6-440054-8_F4.2d_dxf.zip](#)
English
 [ENG_CVM_CVM_6-440054-8_F4.3d_igs.zip](#)
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 [ENG_CVM_CVM_6-440054-8_F4.3d_stp.zip](#)
English

Datasheets &
Catalog Pages

1-1773713-
2_HIGH_PERFORMANCE_INTERCONNECT_QUICK_R
EFERENCE_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_108-57100_D.pdf](#) English



Product Environmental Compliance	TE Material Declaration  ENG_PC_MD_6-440054-8_MD_6-440054-8_A.pdf English
Agency Approvals	UL  ENG_AAD_UL_E28476_20001207__C.pdf English UL Report  ENG_AAD_UL_CERT_ML_E186634_E28476_2000120__A.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 : 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 : 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

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 : Black 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 : 10 mm [.393 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 : Tube, Tube/Box
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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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/guidance-documents/guidance-on-reach

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WIRE-TO-BOARD HEADERS &... 6-440054-8 4P 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 &... 6-440054-4 HPI 2.0MM, HDR, 4POSVERTICAL, BLK  Non-Stocked PCB Connector Assembly Type : PCB Mount Header PCB Mount Orientation : Vertical Connector System : Wire-to-	WIRE-TO-BOARD HEADERS &... 4-440054-4 HPI 2.0MM, HDR, 4POSVERTICAL, YEL  Non-Stocked PCB Connector Assembly Type : PCB Mount Header PCB Mount Orientation : Vertical Connector System : Wire-to-	WIRE-TO-BOARD HEADERS &... 3-440054-4 4P 2.0MM PITCH HPI, VERTICAL,  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 : 4 Centerline (Pitch) : 2 mm	Board Number of Positions : 4 Centerline (Pitch) : 2 mm	Board Number of Positions : 4 Centerline (Pitch) : 2 mm	Board Number of Positions : 4 Centerline (Pitch) : 2 mm
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