

[Connectors](#) > [PCB Connectors](#) > [Wire-To-Board Connectors](#) > [Headers & Receptacles](#)

440054-9 ✓ ACTIVE

2.0MM,HDR,9POS,VERTICAL



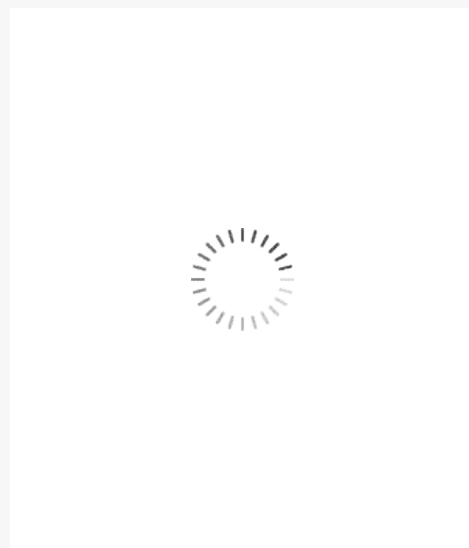
TE Internal #: **440054-9**
 TE Internal Description:
2.0MM,HDR,9POS,VERTICAL

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

PCB Mount Orientation : **Vertical**
 Connector System : **Wire-to-Board**
 Number of Positions : **9**
 Centerline (Pitch) : **2 mm [.079 in]**

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Compatible Parts & Tooling



Feedback

Documents	Features	Product Compliance
Product Drawings	2.0MM,HDR,9POS,VERTICAL 2.0MM,HDR,9POS,VERTICAL English	
CAD Files	3D PDF 3D_CVM_CVM_440054-9_F4.pdf 3D Customer View Model ENG_CVM_CVM_440054-9_F4.2d_dxf.zip English ENG_CVM_CVM_440054-9_F4.3d_igs.zip English ENG_CVM_CVM_440054-9_F4.3d_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_108-1235-1_A.pdf English ENG_SS_108-57100_D.pdf English Qualification Test Report ENG_SS_501-57058_B.pdf English	
Product	MD_440054-9_12182017525_dmtec	

Environmental Compliance

- [ENG_PC_MD_440054-9_E\(793941\).xlsx](#) English
- MD_440054-9_12182017525_dmtec
- [ENG_PC_MD_440054-9_E\(153944\).xml](#) English

Agency Approvals

- UL
- [ENG_AAD_UL_E28476_20001207__C.pdf](#)
English
UL Report
- [ENG_AAD_UL_CERT_ML_E186634_E28476_20001207_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 : **9**
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 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 Post & Tail Length : **3.4 mm [.134 in]**

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 : Natural 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 : 20 mm [.787 in] Height : 6.05 mm [.238 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 : 300 Packaging Method : Bag

