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1-440054-1

2.0MM,HDR,11POS,VERTICAL



TE Internal #: **1-440054-1**
 TE Internal Description:
2.0MM,HDR,11POS,VERTICAL

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

PCB Mount Orientation : **Vertical**
 Connector System : **Wire-to-Board**
 Number of Positions : **11**
 Centerline (Pitch) : **2 mm [.079 in]**

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Compatible Parts & Tooling



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Product Drawings

2.0MM,HDR,11POS,VERTICAL

[2.0MM,HDR,11POS,VERTICAL](#) English

CAD Files

PCB Design

[CAD Models from SnapEDA](#)

3D PDF

[3D_CVM_CVM_1-440054-1_F4.pdf](#) 3D

Customer View Model

[ENG_CVM_CVM_1-440054-1_F4.2d_dxf.zip](#)

English

[ENG_CVM_CVM_1-440054-1_F4.3d_igs.zip](#)

English

[ENG_CVM_CVM_1-440054-1_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
Environmental
Compliance

TE Material Declaration
[ENG_PC_MD_1-440054-1_B.pdf](#) 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 : **11**
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 : **24 mm [.9449 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**



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