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1734595-8

1.0 WTB SR VT HDR 8 POS



TE Internal #: **1734595-8**
 TE Internal Description: **1.0 WTB SR VT HDR 8 POS**

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

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **8**

Centerline (Pitch) : **1 mm [.039 in]**



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Documents

Features

Product Compliance

Product Drawings

1.0 WTB SR VT HDR 8 POS

[1.0 WTB SR VT HDR 8 POS](#) English

CAD Files

PCB Design

[CAD Models from Ultra Librarian](#)

3D PDF

[ENG_CVM_1734595-8_A1.pdf](#) English

[ENG_CVM_1734595-8_A1.2d_dxf.zip](#) English

[ENG_CVM_1734595-8_A1.3d_igs.zip](#) English

[ENG_CVM_1734595-8_A1.3d_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_108-57264_D.pdf](#) English

Product Environmental Compliance

TE Material Declaration

[ENG_PC_MD_1734595-8_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 : **Shrouded**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**
Wire/Cable Type : **Discrete Wire**

Configuration Features Connector Contact Load Condition : **Fully Loaded**
PCB Mount Orientation : **Vertical**
Number of Positions : **8**
Number of Rows : **1**

Electrical Characteristics Operating Voltage (VAC): **50**
Operating Voltage (VDC): **50**

Contact Features Contact Base Material : **Phosphor Bronze**
PCB Contact Termination Area Plating Material : **Tin**
Contact Mating Area Plating Material : **Nickel**
Contact Mating Area Plating Material Finish : **Matte**
Contact Mating Area Plating Material Thickness :
3.048 µm [120 µin]
Contact Type : **Pin**
Contact Current Rating (Max) (A): **3**
PCB Contact Termination Area Plating Thickness :
3.05 µm [120 µin]
PCB Contact Termination Area Plating Material Finish : **Matte**
Contact Layout : **Inline**

Termination Features Termination Method to Printed Circuit Board : **Surface Mount**
Termination Method to Wire & Cable : **Crimp**
Termination Post & Tail Length : **.7 mm [.028 in]**
Terminations per Post (Max) : **3**

Mechanical Attachment PCB Mount Retention Type : **Solder Peg**
Mating Alignment : **With**
Mating Alignment Type : **Polarization**
PCB Mount Alignment : **Without**
Mating Retention : **Without**
PCB Mount Retention : **With**
Connector Mounting Type : **Board Mount**
Strain Relief : **Without**
Contact Retention : **Without**

Housing Features Centerline (Pitch) : **1 mm [.039 in]**
Housing Color : **Ivory**
Housing Material : **High Temperature Thermoplastic**

Dimensions Wire Size (AWG): **28 – 28**
Length : **10.3 mm [.4055 in]**
Height : **4.3 mm [.169 in]**
Width : **5.1 mm [.2 in]**

Usage Conditions Operating Temperature Range : **-55 – 105 °C [-67 – 221 °F]**

Operation/Application Assembly Process Feature : **Pick and Place Cover**
Circuit Application : **Signal**

Industry Standards UL Flammability Rating : **UL 94V-0**

Packaging Features Packaging Quantity : **1000**
Packaging Method : **Tape**

