



Search by part # or keyword



Products

Industries &
Solutions

Resources

TE Store

Sign In



Connectors > PCB Connectors > Wire-To-Board Connectors > Headers & Receptacles

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]**

ORDER SAMPLES

Compatible Parts & Tooling

We are here to help!
Get in touch with our product experts.

CHAT WITH US

EMAIL US

CALL US

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 μ m [120 μ in]
Contact Type : **Pin**
Contact Current Rating (Max) (A): **3**
PCB Contact Termination Area Plating Thickness :
3.05 μ m [120 μ in]
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
	