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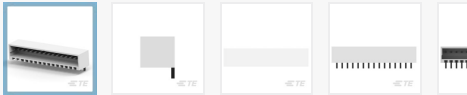
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Connectors > PCB Connectors > Wire-To-Board Connectors > Headers & Receptacles

1-1775443-5

EMIX CONN., 1.5MM PITCH, HDR, V/T, 15P



HPI

TE Internal #: **1-1775443-5**
TE Internal Description: **EMIX CONN., 1.5MM PITCH, HDR, V/T, 15P**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **15**
Centerline (Pitch) : **1.5 mm [.059 in]**

Compatible Parts & Tooling

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Documents	Features	Product Compliance
Product Drawings	EMIX CONN., 1.5MM PITCH, HDR, V/T, 15P EMIX CONN., 1.5MM PITCH, HDR, V/T, 15P English	
CAD Files	3D PDF 3D_CVM_CVM_1-1775443-5_B4.pdf 3D Customer View Model ENG_CVM_CVM_1-1775443-5_B4.2d_dxf.zip English ENG_CVM_CVM_1-1775443-5_B4.3d_igs.zip English ENG_CVM_CVM_1-1775443-5_B4.3d_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	
Agency Approvals	UL ENG_AAD_UL_E28476_20001207__C.pdf English UL Report 	

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**

Configuration Features

PCB Mount Orientation : **Vertical**
Number of Positions : **15**
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 :
2.54 µm [100 µin]
Contact Type : **Pin**
Contact Current Rating (Max) (A): **3**
PCB Contact Termination Area Plating Thickness :
2.54 µm [100 µin]
PCB Contact Termination Area Plating Material Finish : **Bright**
Mating Post Length : **2.7 mm [.106 in]**
Contact Layout : **Inline**

Termination Features

Termination Method to Printed Circuit Board : **Surface Mount**
Termination Method to Wire & Cable : **Crimp**
Termination Post & Tail Length : **1.55 mm [.061 in]**
Terminations per Post (Max) : **3**

Mechanical Attachment

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

Housing Features

Centerline (Pitch) : **1.5 mm [.059 in]**
Housing Color : **Natural**
Housing Material : **Thermoplastic**

Dimensions	Length : 24 mm [.9449 in] Height : 5 mm [.1968 in] Width : 6 mm [.236 in]
Usage Conditions	Operating Temperature Range : -55 – 105 °C [-67 – 221 °F]
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 20 Packaging Method : Tube, Tube/Box
	

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