

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

EMIX CONN., 1.5mm PITCH, HDR, V/T, 13P

[HPI](#) | [HPI](#)

1-1775443-3

TE Internal Number: 1-1775443-3

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 13

Centerline (Pitch) 1.5 mm [.059 in]

PCB Mounting Orientation Vertical

PCB Mounting Style Surface Mount

 **PRODUCT DRAWING**
English

 **3D PDF**

DOCUMENTATION

Product Drawings

EMIX CONN., 1.5mm PITCH, HDR, VERTICAL

PDF

[English](#)

CAD Files

Customer View Model

2D_DXF.ZIP

[English](#)

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

FEATURES



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

Connector System Wire-to-Board

PCB Mounting Orientation Vertical

Header Type Partially Shrouded

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Connector Type Header

Connector Style Plug

Strain Relief Without

Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 13

Number of Rows 1

Tail Orientation Straight

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Post Plating Material Tin over Nickel

Post Material Brass

Contact Features

Contact Shape Square

Contact Mating Area Plating Material Tin

Contact Mating Area Plating Thickness 2.54 μm [100 μin]

Contact Current Rating (Max) (A) 3

Contact Base Material Brass

Contact Plating Material Tin over Nickel

Contact Layout Inline

Tail Plating Thickness 2.54 μm [100 μin]

Contact Termination Area Plating Material Tin

Contact Termination Area Plating Thickness 2.54 μm [100 μin]

Contact Termination Area Plating Material Finish Bright

Tail Plating Material Tin

Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount

Contact Termination Type Surface Mount

Termination Post Length .061 in, 1.55 mm

Mechanical Attachment

PCB Mounting Style Surface Mount

PCB Mount Alignment Without

Mating Retention Without

PCB Mount Retention Without

Mating Alignment With

Mating Alignment Type Polarization

Contact Retention Without

Housing Features

Centerline (Pitch) 1.5 mm [.059 in]

Housing Material Thermoplastic

Housing Color Natural

Dimensions

Height 5 mm [.1968 in]

Width 6 mm [.236 in]

Length 21 mm [.8268 in]

Wire/Cable Size (AWG) 30 – 24

Wire/Cable Size (mm²) .05 – .2

Mating Post Length 2.7 mm [.106 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

Operation/Application

For Use With 1775441-x

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube, Tube/Box

Packaging Quantity 25

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF