



+ CONNECTORS

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