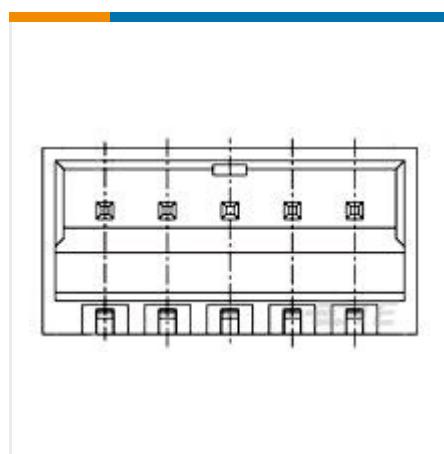


HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

EMIX CONN., 1.5mm PITCH, HDR, R/A, 2P

HPI | HDR

5-1775444-2

TE Internal Number: 5-1775444-2

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 2

Centerline (Pitch) 1.5 mm [.059 in]

PCB Mounting Orientation Right Angle

PCB Mounting Style Through Hole

 **PRODUCT DRAWING**
English

 **3D PDF**

DOCUMENTATION

Product Drawings

EMIX CONN., 1.5mm PITCH, HDR, RIGHT ANGLE

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 Right Angle

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 2

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 (µm) 2.54
Contact Current Rating (Max) (A) 3
Contact Base Material Brass
Contact Plating Material Tin over Nickel
Contact Layout Inline
Contact Termination Area Plating Material Tin
Tail Plating Thickness (µin) 100
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 .081 in, 2.05 mm

Mechanical Attachment

PCB Mounting Style Through Hole
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 4.45 mm [.175 in]
Width 7 mm [.2756 in]
Length 4.5 mm [.1772 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

Pick and Place Cover Without
For Use With 1775441-x

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Reel

Packaging Quantity 1000

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF