+ CONNECTORS

HEADERS & RECEPTACLES

✔ Active

TE CONNECTIVITY (TE)

HPI 2.5mm EMIX A'ssy V/T 4p

HPI | HPI

1470224-4
TE Internal Number: 1470224-4

EU RoHS Compliant
EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 4

Centerline (Pitch) 2.5 mm [.098 in]

PCB Mounting Orientation Vertical

Number of Rows 1

⬇ **PRODUCT DRAWING**
English

DOCUMENTATION   —

Product Drawings

2.5MM PITCH EMIX POST HEADER, VERTICAL TYPE.
PDF
English

Agency Approvals

CSA Certificate

VAL-U-LOK
PDF
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
Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 4
Number of Rows 1
Tail Orientation Straight

Electrical Characteristics

Operating Voltage (VAC) 250
Operating Voltage (VDC) 250

Body Features

Post Plating Material Tin over Nickel
Post Material Brass

Contact Features

Contact Mating Area Plating Material Tin
Contact Mating Area Plating Material Finish Bright
Contact Mating Area Plating Thickness (μin) 50
Contact Current Rating (Max) (A) 3
Contact Base Material Brass
Contact Plating Material Tin
Contact Layout Inline
Contact Termination Area Plating Material Tin
Tail Plating Thickness (μin) 50
Contact Termination Area Plating Thickness (μin) 50
Contact Termination Area Plating Material Finish Bright
Contact Transmits (Typical) Signal (Data)
Contact Plating Material Finish Bright
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole
Contact Termination Type Through Hole
Termination Post Length .138 in, 3.5 mm

Mechanical Attachment

PCB Mount Alignment Without
Mating Retention Without
PCB Mount Retention Without
Contact Retention Without

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]
Housing Material Thermoplastic
Housing Color Ivory

Dimensions

Height 5.9 mm [.232 in]
Tail Length 3.5 mm [.138 in]
Width 4.9 mm [.192 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 12.5 mm [.4921 in]
Wire/Cable Size (AWG) 28 – 22
Wire/Cable Size (mm²) .32 – .08
Wire/Cable Size (CMA) 642.4
Mating Post Length (mm) 3.5

Usage Conditions

Operating Temperature Range -40 – 105 °C [-40 – 221 °F]

Operation/Application

Pick and Place Cover Without
For Use With 1470222-x

Industry Standards

UL Flammability Rating UL 94V-2

Packaging Features

Packaging Method Bag/Box
Packaging Quantity 600

PRODUCT COMPLIANCE   +

Statement of Compliance

Statement of Compliance
PDF