



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

HPI CONN., 2.0mm, V/T, SMT, 4P, 80u"

HPI | HPI

1775470-4

TE Internal Number: 1775470-4

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 4

Centerline (Pitch) 2 mm [.079 in]

PCB Mounting Orientation Vertical

PCB Mounting Style Surface Mount

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

HPI CONN., 2.0MM PITCH, V/T, SMT TYPE

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

AMP 2.0MM PITCH HPI WIRE-TO-BOARD SYSTEM.

PDF

English

Qualification Test Report

AMP 2.0MM PITCH HPI WIRE-TO-BOARD SYSTEM.

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1775470-4_050420142255_dmtec

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

Strain Relief Without

Wire/Cable Type Discrete Wire

Configuration Features

Number of Positions 4

Number of Rows 1

Tail Orientation Straight

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Operating Voltage (VDC) 250

Body Features

Post Plating Material Nickel

Post Material Brass

Contact Features

Contact Shape Square

Contact Mating Area Plating Material Tin

Contact Mating Area Plating Material Finish Matte

Contact Mating Area Plating Thickness 2 µm [80 µin]

Contact Current Rating (Max) (A) 3

Contact Base Material Brass

Contact Plating Material Tin over Nickel

Contact Layout Inline

Contact Termination Area Plating Material Nickel

Contact Termination Area Plating Thickness 2 µm [80 µin]

Contact Termination Area Plating Material Finish Matte

Contact Type Pin

Termination Features

Termination Method to PC Board Surface Mount

Contact Termination Type Surface Mount

Termination Post Length .079 in, 2 mm

Mechanical Attachment

PCB Mounting Style Surface Mount

PCB Mount Alignment Without

Mating Retention Without

PCB Mount Retention With

PCB Mount Retention Type Solder Peg

Mating Alignment With

Mating Alignment Type Polarization

Contact Retention Without

Housing Features

Centerline (Pitch) 2 mm [.079 in]

Housing Material PA 9T GF

Housing Color Natural

Dimensions

Height 6.15 mm [.242 in]

Width 5.4 mm [.213 in]

Length 11.4 mm [.449 in]

Wire/Cable Size (AWG) 30

Wire/Cable Size (mm²) .05

Mating Post Length 3.5 mm [.138 in]

Usage Conditions

Operating Temperature Range -25 – 85 °C [-13 – 185 °F]

Operation/Application

Pick and Place Cover Without
For Use With 440129-x

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Reel
Packaging Quantity 500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
