

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

HPI 2.0mm,HDR,2posVertical,Blu

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

2-440054-2

TE Internal Number: 2-440054-2

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 2

Centerline (Pitch) 2 mm [.079 in]

PCB Mounting Orientation Vertical

PCB Mounting Style Through Hole

 [PRODUCT DRAWING](#)
English

 [3D PDF](#)

DOCUMENTATION

Product Drawings

2.0 MM PITCH HPI VERTICAL POST HEADERS

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

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_2-440054-2_04142011318

PDF

English

Agency Approvals

CSA Certificate

FEMALE, MALE, PLUG, RECEPTACLE CONNECTOR AND HEADER REPORT

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 2

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 Tin

Post Material Brass

Contact Features

Contact Shape Square

Contact Mating Area Plating Material Tin

Contact Current Rating (Max) (A) 3

Contact Style Straight

Contact Base Material Brass

Contact Plating Material Tin

Contact Termination Area Plating Material Tin

Contact Plating Material Finish Bright

Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole

Contact Termination Type Through Hole

Termination Post Length .134 in, 3.4 mm

Mechanical Attachment

Contact Retention Type Locking Lance

PCB Mounting Style Through Hole

PCB Mount Alignment Without

Mating Retention Without

PCB Mount Retention With

PCB Mount Retention Type Kinked Tines

Contact Retention With

Housing Features

Centerline (Pitch) 2 mm [.079 in]

Housing Material Nylon 66 GF

Housing Color Blue

Dimensions

Insulation Diameter .9 mm [.0354 – .059 in]

Height 6.05 mm [.238 in]

Tail Length 3.4 mm [.134 in]

Width 4.7 mm [.185 in]

PCB Thickness (Recommended) 1 – 1.6 mm [.039 – .063 in]

Length 6 mm [.236 in]

Wire/Cable Size (AWG) 30 – 24

Mating Post Length 3.35 mm [.131 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 Bag
Packaging Quantity 300

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
