



+ CONNECTORS

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