



✓ 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**

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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**

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Product Environmental Compliance

TE Material Declaration

## **MD\_2-440054-2\_04142011318**

PDF

**English**

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Agency Approvals

CSA Certificate

## **FEMALE, MALE, PLUG, RECEPTACLE CONNECTOR AND HEADER REPORT**

PDF

**English**

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## **FEATURES**



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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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

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Configuration Features

**Number of Positions** 2

**Number of Rows** 1

**Tail Orientation** Straight

**Backwall/Post Interruptions** Without

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#### Electrical Characteristics

**Operating Voltage (VAC)** 250

**Operating Voltage (VDC)** 250

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#### Body Features

**Post Plating Material** Tin

**Post Material** Brass

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#### 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

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#### Termination Features

**Termination Method to PC Board** Through Hole

**Contact Termination Type** Through Hole

**Termination Post Length** .134 in, 3.4 mm

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#### 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

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#### Housing Features

**Centerline (Pitch)** 2 mm [.079 in]

**Housing Material** Nylon 66 GF

**Housing Color** Blue

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#### 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]

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Usage Conditions

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

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Operation/Application

**Pick and Place Cover** Without  
**For Use With** 440129-x

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Industry Standards

**UL Flammability Rating** UL 94V-0

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Packaging Features

**Packaging Method** Bag  
**Packaging Quantity** 300

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**PRODUCT COMPLIANCE**



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Statement of Compliance

**Statement of Compliance**

PDF

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