



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

HPI 2.0mm, HDR, 3pos Vertical, Blk

HPI | HDR

6-440054-3

TE Internal Number: 6-440054-3

Always EU RoHS/ELV Compliant

Centerline **2 mm [.079 in]**

Number of Positions **3**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
English

3D PDF

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_6-440054-3_04142011320

PDF
English

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	PCB Mounting Orientation	Vertical
	Product Type	Connector
	Connector Type	Header
	Connector System	Wire-to-Board
	Wire/Cable Type	Discrete Wire
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	3
	Number of Rows	1
	Tail Orientation	Straight
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
Body Features	Header Type	Partially Shrouded
	Post Material	Brass
	Post Plating Material	Tin
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Style	Straight
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Contact Type	Pin
	Contact Plating Material	Tin
	Contact Plating Material Finish	Bright
	Contact Current Rating (A)	3
	Contact Base Material	Brass
Termination Features	Contact Termination Type	Through Hole
	Termination Post Length	.134 in, 3.4 mm
	Termination Method to PC Board	Through Hole
Mechanical Attachment	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
	Contact Retention Type	Locking Lance
<hr/>		
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Black
	Housing Material	Nylon 66 GF
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Dimensions	Tail Length	3.4 mm [.134 in]
	Mating Post Length	3.35 mm [.131 in]
	PCB Thickness (Recommended)	1 – 1.6 mm [.039 – .063 in]
	Height	6.05 mm [.238 in]
	Wire/Cable Size (AWG)	30 – 24
	Width	4.7 mm [.185 in]
	Insulation Diameter	.9 mm [.0354 – .059 in]
	Length	8 mm [.314 in]
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Usage Conditions	Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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Operation/Application	For Use With	440129-x
	Pick and Place Cover	Without
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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	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 5 Results

[View All](#)

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector

Housings

HPI | HPI

**HPI 2.0mm, HSG, 3pos,
Red - 8-440129-3**

TE INTERNAL NUMBER: 8-440129-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **3**

Number of Rows **1**

Color **Red**

Mating Retention **Without**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector

Housings

HPI | HPI

**HPI 2.0mm, HSG, 3pos,
Black - 6-440129-3**

TE INTERNAL NUMBER: 6-440129-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **3**

Number of Rows **1**

Color **Black**

Mating Retention **Without**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector

Housings

HPI | HPI

**2.0mm, HSG, 3pos
- 440129-3**

TE INTERNAL NUMBER: 440129-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **3**

Number of Rows **1**

Color **Natural**

Mating Retention **Without**

