



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

2.0mm,HDR,2pos,Vertical

HPI | HDR

440054-2

TE Internal Number: 440054-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

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

Metric Interconnect System (Restricted To Sony Corporation)

PDF
English

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

PDF
English

AMP 2.0mm Pitch HPI High Performance Interconnect (Low Cost) Wire-To-Board System

TIF
English

AMP 2.0mm Pitch HPI High Performance Interconnect (Low Cost) Wire-To-Board System

PDF
English

Engineering Report

Test Report For Cross Use Test, AMP 2.0mm HPI With JST PH

TIF
English

Test Report For Cross Use Test, AMP 2.0mm HPI With JST PH

PDF
English

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

PDF
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AMP 2.0mm Pitch HPI High Performance Interconnect (Low Cost) Wire-To-Board System

PDF
English

AMP 2.0mm Pitch HPI High Performance Interconnect (Low Cost) Wire-To-Board System

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_440054-2_05032014521_dmtec](#)

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	2
Number of Rows	1
Tail Orientation	Straight
Backwall/Post Interruptions	Without

Electrical Characteristics

Operating Voltage	250 VAC [250 VDC]
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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
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Natural
	Housing Material	Nylon 66 GF
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	6 mm [.236 in]
Usage Conditions	Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
Operation/Application	For Use With	440129-x
	Pick and Place Cover	Without

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Bag

Packaging Quantity


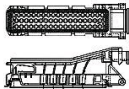

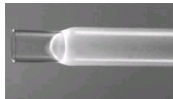
300

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>2mm PITCH HPI POST HEADER, VERTICAL, 3P 1735446-3</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>55P JUN-POW-TIM GEH 828907-1</p> <p>Save to List Find Similar Products</p>	<p>BOARD-TO-BOARD HEADERS & RECEPTACLES</p>  <p>0.8FH, R13H.5, 100, 08/Sn, TR, SC 5084616-4</p> <p>Save to List Find Similar Products</p>	<p>HEAT SHRINK TUBING</p>  <p>TFE-22-X-STK TFE-22-X-STK</p> <p>Save to List Find Similar Products</p>
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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, 2pos,
Black - 6-440129-2**
TE INTERNAL NUMBER: 6-440129-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **2**

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
**HPI 2.0mm, HSG, 2pos,
Yellow - 4-440129-2**
TE INTERNAL NUMBER: 4-440129-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **2**

Number of Rows **1**

Color **Yellow**

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, 2pos,
Red - 8-440129-2**
TE INTERNAL NUMBER: 8-440129-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **2**

Number of Rows **1**

Color **Red**

Mating Retention **Without**

