



HEADERS & RECEPTACLES



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↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

2mm PITCH HPI POST HEADER, VERTICAL, 5P

HPI | HDR

1735446-5

TE Internal Number: 1735446-5

Always EU RoHS/ELV Compliant

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

Number of Positions **5**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[2.0MM PITCH HPI POST HEADER WITH LOCK, VERTICAL](#)

PDF (**TIFF AVAILABLE**)
English

[2.0MM PITCH HPI POST HEADER WITH LOCK, VERTICAL](#)

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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

[HPI CONNECTOR, 2.0MM PITCH, LOCKING TYPE](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1735446-5_03312015610_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
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
Applies To	Printed Circuit Board	
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Configuration Features	Number of Positions	5
	Number of Rows	1
	Tail Orientation	Straight
	Selectively Loaded	No
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage	250 VAC [250 VDC]
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Body Features	Header Type	Partially Shrouded
	Post Material	Copper Alloy
	Post Plating Material Finish	Bright
	Post Plating Material	Tin over Nickel
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Material Finish	Bright
	Contact Mating Area Plating Thickness (µm)	2.03
	Contact Termination Area Plating Thickness (µm)	2.03
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	2.03 µm [79.92 µin]
	Contact Type	Pin
	Contact Plating Material	Tin
	Contact Plating Material Finish	Bright
	Contact Current Rating (A)	3
	Contact Layout	Inline

	Contact Termination Area Plating Material Finish	Bright
	Contact Base Material	Copper Alloy
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	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Retention Solder Tails
	Contact Retention	Without
	Mating Retention Type	Locking
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Natural
	Housing Material	Thermoplastic
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	6.07 mm [.239 in]
	Wire/Cable Size (AWG)	30
	Width	4.7 mm [.185 in]
	Length	12 mm [.472 in]
Usage Conditions	Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
Operation/Application	For Use With	1735447-x
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Bag
	Packaging Quantity	450

Products - 1 Results

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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 | HDR

**HPI 2.0 Receptacle
Housing, 5P - 1735447-5**
TE INTERNAL NUMBER: 1735447-5

Active

Always EU RoHS/ELV Compliant

Centerline **2 mm**

Number of Positions **5**

Number of Rows **1**

Color **Natural**

Mating Retention **With**

