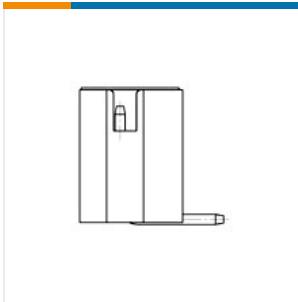




HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

HPI CONN., 2.0mm, V/T, SMT, 2P, 80u"

HPI | HPI

1775470-2

TE Internal Number: 1775470-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

Product Drawings

[HPI CONN., 2.0MM PITCH, V/T, SMT TYPE](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.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_1775470-2_05032014539_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	
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]
Body Features	Header Type	Partially Shrouded
	Post Material	Brass
	Post Plating Material	Nickel
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Material Finish	Matte
	Contact Mating Area Plating Thickness	2 μm [80 μin]
	Contact Termination Area Plating Thickness	2 μm [80 μin]
	Contact Shape	Square
	Contact Termination Area Plating Material	Nickel
	Contact Type	Pin
	Contact Plating Material	Tin over Nickel
	Contact Current Rating (A)	3
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Brass
Termination Features	Contact Termination Type	Surface Mount
	Termination Post Length	.079 in, 2 mm
	Termination Method to PC Board	Surface Mount

Mechanical Attachment	PCB Mounting Style	Surface Mount
	PCB Mount Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Solder Pads
	Contact Retention	Without
	Mating Alignment Type	Polarization
	Mating Alignment	With
Housing Features	Centerline	2 mm [.079 in]
	Housing Color	Natural
	Housing Material	PA 9T GF
Dimensions	Mating Post Length	3.5 mm [.138 in]
	Height	6.15 mm [.242 in]
	Wire/Cable Size (AWG)	30
	Width	5.4 mm [.213 in]
	Wire/Cable Size (mm ²)	.05
	Length	7.4 mm [.291 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	Reel
	Packaging Quantity	500
Product Compliance	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	BOARD-TO-BOARD HEADERS & RECEPTACLES
			
HPI CONN., 2.0mm, V/T, SMT, 5P, 80u" 1775470-5	HPI CONN., 2.0mm, V/T, SMT, 8P, 80u" 1775470-8	HPI CONN., 2.0mm, V/T, SMT, 6P, 80u" 1775470-6	06 MODII HORZ DR CE EESS .100 6-5535512-2
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Products - 10 Results

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Compare 0/10


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 2.0mm, HSG, 2pos - 440129-2 TE INTERNAL NUMBER: 440129-2 Active	Always EU RoHS/ELV Compliant Centerline 2 mm Number of Positions 2 Number of Rows 1 Color Natural 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, Blu - 2-440129-2 TE INTERNAL NUMBER: 2-440129-2 Active	Always EU RoHS/ELV Compliant Centerline 2 mm Number of Positions 2 Number of Rows 1 Color Blue Mating Retention Without

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All 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**