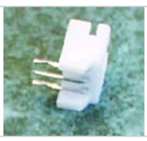
2-440055-5 Product Details



Active

View 3D PDF

High Performance Interconnects (HPI)

HPI 2.0mm,HDR,5pos R/A,Blu

2-440055-5

TE Internal Number: 2-440055-5

Product Highlights View All

- Connector
- HPI Product Line
- Header
- Wire-to-Board
- Connector Style = Plug

Pricing & Availability

Request Sample

Add to My Part List

Buy Product through Distributor

Feedback

Documents | Features | Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features

Product Type	Connector
Product Line	HPI
Connector Type	Header
Wire/Cable Type	Discrete Wire
Mount Angle	Right Angle
PCB Mounting Orientation	Right Angle
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Tines
Sealed	No

Electrical Characteristics

Contact - Rated Current (A)	3
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	250
Operating Voltage (VDC)	250

Termination Features

Contact Termination Type	Through Hole
Wire/Cable Size (AWG)	24 – 30
Termination Method to PC Board	Through Hole
Termination Post Length (mm [in])	3.40 [0.134]

Dimensions

Mating Post Length (mm [in])	3.50 [0.138]
PCB Thickness, Recommended (mm [in])	1.00 – 1.60 [0.039 – 0.063]
Tail Length (mm [in])	3.4 [0.134]
Length (X-Axis) (mm [in])	12.00 [0.472]
Width (Z-Axis) (mm [in])	7.70 [0.303]
Profile Height (Y-Axis) (mm [in])	4.95 [0.1949]

Body Features

Locking Interface	Without
Mating Retention	Without
Post Material	Brass
Post Plating	Tin

Contact Features

Contact Type	Pin
Contact Plating, Mating Area, Material	Brass
Contact Design	Pin
Contact Base Material	Brass
Contact Finish	Bright Tin
Contact Plating, Termination Area, Material	Brass

Housing Features

Connector Style	Plug
Housing Color	Blue
Centerline (mm [in])	2.00 [0.079]
Housing Material	Nylon 66 GF

Configuration Features

Number of Positions	5
Number of Rows	Single
Tail Orientation	Straight
Shrouded	Yes - Partial

Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Wave solder capable to 240°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Environmental

Operating Temperature (°C [°F])	-25 – +85 [-13 – +185]

Conditions for Usage

Applies To	Printed Circuit Board
Accepts Wire Insulation Diameter, Range (mm [in])	0.90 – 1.50 [0.0354 – 0.059]
Mates With	1735801-x

Operation/Application

Application Use	Wire-to-Board
Pick and Place Cover	Without

Packaging Features

Packaging Method	Bag/Box

Other

Brand	AMP

Related Products

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