3-1376386-5 Product Details

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Power Double-Lock Connectors

5mm B-T-W Conn. 4P(2row) HDR A

3-1376386-5

TE Internal Number: 3-1376386-5

Product Highlights View All

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header
- Header Type = Shrouded

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
Connector Type	Header
PCB Mount Retention	Without
PCB Mounting Orientation	Vertical
PCB Mount Alignment	With
Sealed	No

Mechanical Attachment

Contact Retention	Without
Mating Retention Type	Latch(ing)

Electrical Characteristics

Contact - Rated Current (A)	2 – 9
Operating Voltage Reference	AC
Operating Voltage (VAC)	300

Termination Features

Termination Method to PC Board	Through Hole - Solder

Dimensions

Tail Length (mm [in])	3.5 [0.138]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]

Body Features

Header Type	Shrouded
Mating Retention	With

Contact Features

Contact Type	Tab
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material	Tin
Contact Plating, Termination Area, Thickness (µm [µin])	1 [39.37]
Tail Plating Material	Tin
Tail Plating Thickness (µm [µin])	1 [39.37]
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	0.80 – 3.00 [31.496 – 118.110]

Housing Features

Connector Style	Tab
Centerline, Matrix (mm [in])	5.00 x 6.20 [.197 x .244]
Housing Material	Nylon 6/6
Housing Color	Yellow
Mating Alignment	With
Mating Alignment Type	Keyed

Configuration Features

Number of Positions	4
Number of Rows	2

Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not reviewed for lead free solder process
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Environmental

Operating Temperature (°C [°F])	-30 – +105 [-22 – +221]

Conditions for Usage

Applies To	Printed Circuit Board
Glow Wire Rating	Standard Part - Not Glow Wire
For Use With	Plug Housing

Operation/Application

Application Use	Wire-to-Board
Contact Transmits (Typical Application)	Signal (Data)/Power

Packaging Features

Packaging Method	Bag/Box
Packaging Quantity	100

Other

Brand	AMP

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