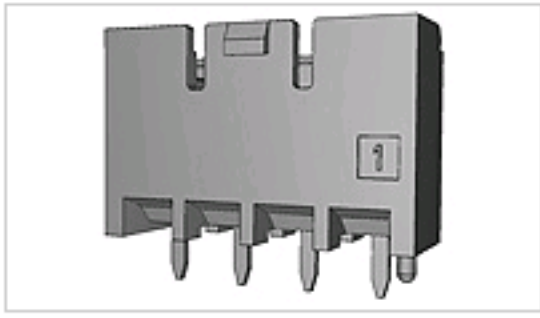


1-1376384-5 Product Details

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Active

5mm Power Key Connectors

5mm B-T-W Conn. 4P HDR ASSEMBLY (GWT)

1-1376384-5

TE Internal Number: 1-1376384-5

Product Highlights [View All](#)

- 5.0 Power Key Connectors Product Line
- Wire-to-Board
- Connector
- Glow Wire Rating = Glow Wire
- Header

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Please Note:

Use the Product Drawing for all design activity

Product Type Features	
Product Line	5.0 Power Key Connectors
Product Type	Connector
Connector Type	Header
PCB Mount Retention	With
PCB Mount Alignment	Without
PCB Mount Retention Type	Mounting Post/Kinked Legs
PCB Mounting Orientation	Vertical
Sealed	No
Shape	Rectangular
CSA File Number	LR7189

Mechanical Attachment	
Mating Retention Type	Latch(ing)

Electrical Characteristics	
Contact - Rated Current (A)	9
Hot Pluggable	No
Operating Voltage Reference	AC
Operating Voltage (VAC)	300
UL Voltage Rating (VAC)	300

Termination Features	
Termination Method to PC Board	Through Hole - Press Fit

Dimensions	
Mating Post Length (mm [in])	6.30 [0.248]
Tail Length (mm [in])	3.5 [0.138]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]
Length (X-Axis) (mm [in])	21.60 [0.850]
Width (Z-Axis) (mm [in])	14.10 [0.555]
Profile Height (Y-Axis) (mm [in])	7.00 [0.275]

Body Features	
Mating Retention	With
Header Type	Shrouded
Selectively Loaded	No

Contact Features	
Contact Type	Pin
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material	Tin
Contact Design	Tab
Contact Plating, Mating Area, Thickness (µm [µin])	0.8 [31.49]
Contact Plating, Termination Area, Material	Tin
Contact Plating, Termination Area, Thickness (µm [µin])	1 [39.37]

Housing Features	
Connector Style	Receptacle
Housing Color	Red
Mating Alignment	Without
Centerline (mm [in])	5.00 [0.197]
Housing Material	Nylon 6/6 GF

Configuration Features	
Number of Positions	4
Number of Rows	1
Tail Orientation	In-line
Shrouded	Yes

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
Agency/Standard	CSA, UL
UL Rating	Recognized
UL File Number	E28476
UL Flammability Rating	UL 94V-0

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

Conditions for Usage	
Glow Wire Rating	Glow Wire
Applies To	Printed Circuit Board

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

Packaging Features	
Packaging Method	Loose Piece

Other	
Brand	AMP

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