Products Industries

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2057748-3 Product Details



Impact High Density Backplane Connectors

IMP100,S,H,V2P16C,UG,39,5.5

2057748-3

TE Internal Number: 2057748-3

Active 🔑 View 3D PDF

Product Highlights View All

- Connector Style = Header
- 64/Signal, 32/Ground
- 96 Positions
- · Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle, Vertical

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Documents Features Compliance	Related Products	
Please Note: Use the Product Drawing for all design activity	Not quite the product you're looking for? Find Similar Products	
Product Type Features	Configuration Features	View Part in Product Feature Selector
PCB Mount Retention Type Action/Compliant Tail	Connector Contact Configuration (No. of 64/Signal, 32/Ground	
PCB Mount Alignment None	Pos./Type)	Check for Tooling
Туре	Number of Positions ? 96	

		Pos./Type)	
PCB Mount Alignment Type	None	Number of Positions ?	96
Electrical Characterist	ics	Number of Differential Pairs Per Column	2
Impedance (Ω)	100	Number of Columns	16
Operating Voltage	AC/DC	Number of Rows ?	6
Reference		- Shrouded	Yes - Partial
Operating Voltage (VAC)	120	Guide Location	Unguided
Operating Voltage (VDC)	120	Tail Orientation	In-line
		Industry Standards	
Dimensions		RoHS/ELV Compliance	RoHS compliant, ELV
Tail Length (mm [in])	1.2 [0.047]	?	compliant

Dimensions Tail Langeth (non-fin1) 1 2 [0.047]		Tildustry Stalldards	
		RoHS/ELV Compliance	RoHS compliant, ELV compliant
Tail Length (mm [in])	1.2 [0.047]		Compilant
Length (X-Axis) (mm [in])	30.30 [1.193]	Lead Free Solder Processes ?	Not relevant for lead free process
Width (Z-Axis) (mm [in])	12.70 [0.500]	RoHS/ELV Compliance History	Always was RoHS compliant
Profile Height (Y-Axis) (mm [in])	11.95 [0.470]	UL Rating	Recognized
		UL File Number	E28476
PCB Hole Diameter (mm [in])	0.39 [0.015]	UL Flammability Rating	UL 94V-0
		CSA Certified	Yes
Body Features			
Header Type	Partially Shrouded	Environmental	
Contact Features		Operating Temperature (°C [°F])	-55 - +85 [-67 - +185]
Contact Type	Pin		
contact Type	FIII	Conditions for Usage	
Contact Length (mm [in])	5.50 [0.217]	Board-to-Board	Right Angle, Vertical
Contact Plating,		Configuration	
Termination Area,	Matte Tin		
Material		Operation/Application	

Contact Plating, Termination Area, Material	Matte Tin		
		Operation/Application	ı
Contact Plating, Termination Area, Thickness (µm [µin])	1.27 [50]	Industry Application	Networking (Communications)
Contact Base Material	Copper-Nickel-Silicon		
Underplate Material	Nickel	Packaging Features	
Underplate Material	4 27 (22 222)	Packaging Method	Tube/Box
Thickness (µm [µin])	1.27 [50.000]		
		Other	
Housing Features		Brand	TE Connectivity
Connector Style	Header		
End Wall Location	Open		

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Housing Material

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