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2180850-5 Product Details

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Impact High Density Backplane Connectors

IMP,PWR,3PR,HDR,L-HLD,2X,797-1,797-6

2180850-5

TE Internal Number: 2180850-5

Product Highlights

View All

- Connector Style = Header
- 16/Power
- 32 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle

Pricing & Availability

Request Sample

Add to My Part List

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- Documents
- Features
- Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features

PCB Mount Retention Type	Action/Compliant Tail and Screw(s)
PCB Mount Alignment Type	Locating Post(s)

Electrical Characteristics

Operating Voltage Reference	▲ C rms, DC
Operating Voltage (VAC)	250
Operating Voltage (VDC)	250

Dimensions

Stack Height (mm [in])	14.88 [0.585]
Tail Length (mm [in])	2.5 [0.098]
Length (X-Axis) (mm [in])	23.97 [0.9436]
Width (Z-Axis) (mm [in])	26.40 [1.0394]
Profile Height (Y-Axis) (mm [in])	14.88 [0.5858]
PCB Hole Diameter (mm [in])	0.725 [0.0285]

Configuration Features

Connector Contact Configuration (No. of Pos./Type)	16/Power
Number of Positions	32
Number of Columns	4
Number of Rows	4
Tail Orientation	In-line

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 Rating	Recognized
UL File Number	E28476
UL Flammability Rating	UL 94V-0
CSA Certified	Yes

Body Features		Environmental	
Header Type	Partially Shrouded	Operating Temperature (°C [°F])	-55 – +85 [-67 – +185]
Contact Features		Conditions for Usage	
Contact Type	Pin	Board-to-Board Configuration	Right Angle
Contact Length (mm [in])	6.90 [0.271]	Operation/Application	
Contact Plating, Termination Area, Material	Matte Tin	Industry Application	Networking (Communications)
Contact Plating, Termination Area, Thickness (µm [µin])	2.54 [100]	Packaging Features	
Contact Base Material	Copper Alloy	Packaging Method	Tray/Box
Underplate Material	Nickel	Other	
Underplate Material Thickness (µm [µin])	1.27 [50.000]	Brand	TE Connectivity
Housing Features		Comment	Parts are shipped with a 2-32 AB Type Self-Tapping Screw, 2057509-2.
Connector Style	Header		
Housing Color	Black		
Housing Material	LCP (Liquid Crystal Polymer)		

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