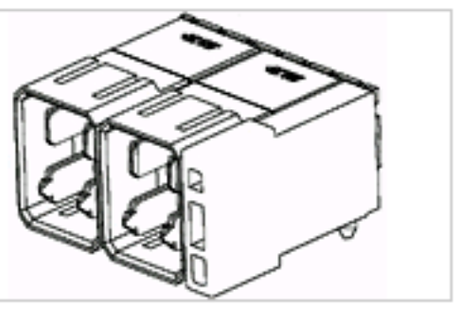
1-2180851-4 Product Details



Active

Impact High Density Backplane Connectors

IMP,PWR,3PR,HDR,R-HLD,2X,797-2,797-8

1-2180851-4

TE Internal Number: 1-2180851-4

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
Buy Product through Distributor

Feedback

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	AC 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]

Body Features

Header Type	Partially Shrouded

Contact Features

Contact Type	Pin
Contact Length (mm [in])	5.70 [0.224], 6.90 [0.271]
Contact Plating, Termination Area, Material	Matte Tin
Contact Plating, Termination Area, Thickness (µm [µin])	2.54 [100]
Contact Base Material	Copper Alloy
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 [50.000]

Housing Features

Connector Style	Header
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

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

Environmental

Operating Temperature (°C [°F])	-55 – +85 [-67 – +185]

Conditions for Usage

Board-to-Board Configuration	Right Angle

Operation/Application

Industry Application	Networking (Communications)

Packaging Features

Packaging Method	Tray/Box

Other

Brand	TE Connectivity
Comment	Parts are shipped with a 2-32 AB Type Self-Tapping Screw, 2057509-2.

Related Products

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