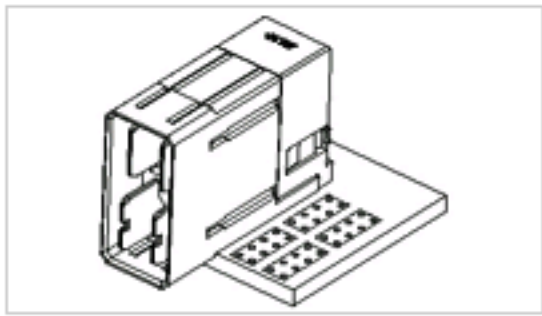




2169869-1 Product Details

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Active

Impact High Density Backplane Connectors

IMP,PWR,5PR,R/A,Hdr,6.9,6.9,Tin

2169869-1

TE Internal Number: 2169869-1

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

Electrical Characteristics

Operating Voltage Reference AC rms

Operating Voltage (VAC) 250

Dimensions

Stack Height (mm [in]) 22.80 [0.897]

Tail Length (mm [in]) 2.5 [0.098]

Length (X-Axis) (mm [in]) 32.10 [1.2637]

Width (Z-Axis) (mm [in]) 11.00 [0.433]

Profile Height (Y-Axis) (mm [in]) 22.80 [0.8976]

PCB Hole Diameter (mm [in]) 0.725 [0.0285]

Body Features

Header Type Partially Shrouded

Contact Features

Contact Type Pin

Contact Length (mm [in]) 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 2

Number of Rows 8

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

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