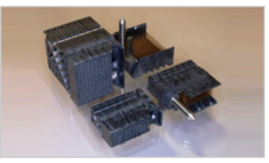
2132001-2 Product Details



Preliminary

Impact High Density Backplane Connectors

IMP100,S,H,V6P14C,LG,OEW39

2132001-2

TE Internal Number: 2132001-2

Product Highlights View All

- Connector Style = Header
- 168/Signal, 84/Ground
- 252 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle, Vertical

Pricing & Availability
Request Sample
Add to My Part List
Buy Product through Distributor

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

Impedance (Ω)	100
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	120
Operating Voltage (VDC)	120

Dimensions

Tail Length (mm [in])	1.2 [0.047]
Length (X-Axis) (mm [in])	33.10 [1.3031]
Width (Z-Axis) (mm [in])	28.90 [1.1378]
Profile Height (Y-Axis) (mm [in])	11.95 [0.470]
PCB Hole Diameter (mm [in])	0.39 [0.015]

Body Features

Header Type	Partially Shrouded

Contact Features

Contact Type	Pin
Contact Length (mm [in])	4.90 [0.193]
Contact Plating, Termination Area, Material	Matte Tin
Contact Plating, Termination Area, Thickness (µm [µin])	1.27 [50]
Contact Base Material	Copper-Nickel-Silicon
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 [50.000]

Housing Features

Connector Style	Header
End Wall Location	Open
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Configuration Features

Connector Contact Configuration (No. of Pos./Type)	168/Signal, 84/Ground
Number of Positions	252
Number of Differential Pairs Per Column	6
Number of Columns	14
Number of Rows	18
Shrouded	Yes - Partial
Guide Location	Left
Tail Orientation	In-line

Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not relevant for lead free 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, Vertical

Operation/Application

Industry Application	Networking (Communications)

Packaging Features

Packaging Method	Tube

Other

Brand	TE Connectivity

Related Products

Not quite the product you're looking for?
Find Similar Products

View Part in Product Feature Selector

Check for Tooling

Feedback

© 2014 TE Connectivity Ltd. family of companies. All Rights Reserved

Downloaded from Arrow.com.