



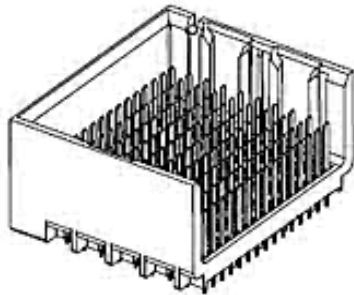
Part Number : [1712961617](#)

Product Description : Impact 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Left Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Matte Tin, 0.254µm Gold

Series Number : 171296

Status : Active

Product Category : Backplane Connectors



Documents and Resources

Drawings

[1712961617_sd.pdf](#)

[PK-70873-7702-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-76060-990-001.pdf](#)

[AS-76060-9999-001.pdf](#)

[PS-45499-002-001.pdf](#)

[PS-76060-999-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

EU RoHS	Compliant per EU 2015/863
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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Backplane Connectors
Series	171296
Description	Impact 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Left Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Matte Tin, 0.254µm Gold
Application	Conventional
Component Type	PCB Header
Product Name	Impact
UPC	887191057217

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.75A
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Data Rate	25.0 Gbps
Impedance	100Ω
Shielded	No
Shield Type	N/A
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.238/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.254μm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 100 Ohm 5 Pair Right-Angle Daughtercard Receptacles	<u>76060</u>

Use with Part(s)

Description	Part Number
GbX Backplane Guide Pins	<u>75234</u>

Application Tooling