



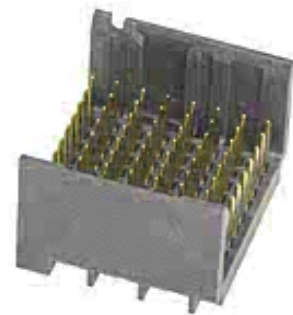
Part Number : [1705251807](#)

Product Description : Impact 85 Ohm Plus 3 Pair Vertical Backplane Header, Unguided, Open Endwalls, 8 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Series Number : 170525

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings

[1705251807 sd.pdf](#)

[PK-70873-7700-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-170525-1807-001.zip](#)

Specifications

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

[PS-170540-999-001.pdf](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

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	170525
Description	Impact 85 Ohm Plus 3 Pair Vertical Backplane Header, Unguided, Open Endwalls, 8 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional
Component Type	PCB Header
Product Name	Impact
UPC	884982465039

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω

Shielded	No
Shield Type	N/A
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	2.223/g
Number of Columns	8
Number of Pairs	3
Number of Rows	9
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
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 85 Ohm Plus 3 Pair Right-Angle Daughtercards	<u>170530</u>

Application Tooling