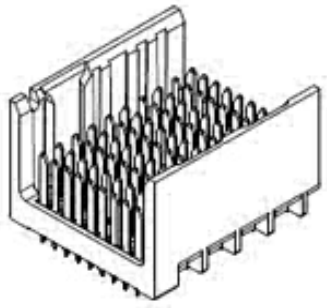
Part Number : 1705251207
Product Description : Impact 85 Ohm Plus 3 Pair Vertical Backplane Header, Unguided, Open Endwalls, 12 Columns, 108 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free
Series Number : 170525
Status : Active
Product Category : Backplane Connectors



Documents and Resources

Drawings

1705251207_sd.pdf

PK-70873-7700-001.pdf

SYM-170525-1207-001.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)7771-DC (04 Feb 2026)
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

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- 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, 12 Columns, 108 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional
Component Type	PCB Header
Product Name	Impact
UPC	887191358963

Agency

UL	E29179

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

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Circuits (Loaded)	108
Circuits (maximum)	108
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.267/g
Number of Columns	12
Number of Pairs	3
Number of Rows	9
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
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

Mates With / Use With

Mates with Part(s)

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Description	Part Number
Impact 85 Ohm Plus 5 Pair Right-Angle Daughtercards	170480

Application Tooling

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