



Part Number : [1705303026](#)

Product Description : Impact 85 Ohm Plus 3 Pair Right-Angle Daughtercard, Left Guide, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Series Number : 170530

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings

[1705303026 sd.pdf](#)

[PK-70873-591-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-170530-3026-001.zip](#)

[EE-170530-025-001.pdf](#)

[EE-170530-040-001.pdf](#)

[SP-170530-0001-001.zip](#)

[SP-170530-0001_40G-001.zip](#)

Specifications

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

[PS-170540-999-001.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)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	170530
Description	Impact 85 Ohm Plus 3 Pair Right-Angle Daughtercard, Left Guide, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional, Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Name	Impact
UPC	884982613423

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)	144
Circuits (maximum)	144
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
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	16.886/g
Number of Columns	16
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.20mm
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 Vertical Backplane Headers	<u>170525</u>

Application Tooling