



**Part Number :** [1703355107](#)  
**Product Description :** Impact 85 Ohm Plus 4 Pair  
Vertical Header, Right Guided, Left Endwall, 10  
Columns, 120 Circuits, Pin Length 4.90mm, Plated  
Through Hole Dimension 0.39mm, Lead Free  
**Series Number :** 170335  
**Status :** Active  
**Product Category :** Backplane Connectors



## Documents & Resources

### Drawings

[1703355107 sd.pdf](#)  
[PK-70873-757-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[AS-76060-990-001.pdf](#)  
[AS-76060-9997-001.pdf](#)  
[PS-170540-999-001.pdf](#)  
[PS-45499-002-001.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

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## Part Details

### General

Status	Active
Category	Backplane Connectors
Series	170335
Description	Impact 85 Ohm Plus 4 Pair Vertical Header, Right Guided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	887191257754

### 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)	120
Circuits (maximum)	120
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	6.781/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
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 4 Pair Right-Angle Daughtercards	<u>170340</u>
Impact 85 Ohm Plus 4 Pair Mezzanine Receptacles	<u>170390</u>

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**Application Tooling**