



**Part Number :** [765001117](#)  
**Product Description :** Impact 100 Ohm 4 Pair RAM  
Right-Angle Header, Unguided, Left Endwall, 10  
Columns, 120 Circuits, Pin Length 4.90mm, Plated  
Through Hole Dimension 0.39mm, Lead-Free  
**Series Number :** 76500  
**Status :** Active  
**Product Category :** Backplane Connectors

## Documents & Resources

### Drawings

[765001117\\_sd.pdf](#)  
[PK-70873-041-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[SYM-76500-1117-001.zip](#)  
[EE-76500-002-002.pdf](#)  
[SP-76500-002-002.zip](#)

### Specifications

[AS-76060-990-001.pdf](#)  
[AS-76060-994-001.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)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	76500
Description	Impact 100 Ohm 4 Pair RAM Right-Angle Header, Unguided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Coplanar
Component Type	PCB Header
Product Name	Impact
UPC	884982622494

**Agency**

CSA	LR19980
UL	E29179

## Electrical

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

## Physical

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black
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	11.750/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.20mm
Pitch - Mating Interface	1.90mm

Pitch - Termination Interface	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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Impact 100 Ohm 4 Pair Right-Angle Daughtercard Receptacles	<u>76160</u>

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## Application Tooling

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