



**Part Number :** [761555105](#)  
**Product Description :** Impact 100 Ohm 4 Pair  
Vertical Backplane Header, Right Guided, Open  
Endwall, 10 Columns, 120 Circuits, Pin Length 5.50mm,  
Plated Through Hole Dimension 0.46mm, Lead-Free  
**Series Number :** 76155  
**Status :** Active  
**Product Category :** Backplane Connectors

## Documents & Resources

### Drawings

[761555105 sd.pdf](#)  
[PK-70873-757-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[SYM-76155-5105-001.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](#)  
[TS-76160-0001-001.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	76155
Description	Impact 100 Ohm 4 Pair Vertical Backplane Header, Right Guided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free
Application	Conventional
Component Type	PCB Header
Product Name	Impact
UPC	883906048181

### Agency

CSA	LR19980
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UL	E29179
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## 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	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	5.746/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm

Plating min - Mating	0.762μm
Polarized to PCB	Yes
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 100 Ohm 4 Pair Right-Angle Daughtercard Receptacles	<u>76160</u>

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**Application Tooling**

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