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**Part Number:** [0760553105](#)

**Status:** **Active**

**Overview:**

**Description:** Impact 100 Ohm 5 Pair Vertical Backplane Header, Left Guided, Open Endwall, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [76055](#)  
 Application Conventional, Mezzanine  
 Application Tooling Documents TM-622018799-001  
 Component Type PCB Header  
 Data Rate 25.0 Gbps  
 Overview [impact\\_backplane\\_connector\\_system](#)  
 Product Name Impact  
 Taxonomy Backplane Connectors  
 UPC 883906413996

**Physical**

Circuits (Loaded) 150  
 Circuits (maximum) 150  
 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 6.419/g  
 Number of Columns 10  
 Number of Pairs 5  
 Number of Rows 15  
 Orientation Vertical  
 PC Tail Length 1.40mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.00mm  
 Packaging Type Tray  
 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

**Electrical**

Current - Maximum per Contact 0.75A  
 Impedance 100Ω  
 Shield Type N/A  
 Shielded No

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76055](#) Series

**Mates With**

[76060](#) Impact 100 Ohm Daughtercard

Voltage - Maximum 30V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-76060-990-001, AS-76060-9999-001

Packaging Specification PK-70873-759-001

Product Specification PS-76060-999-001

Sales Drawing SD-76055-002-001

Symbol/Footprint Data SYM-76055-3105-001

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