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**Part Number:** [0765607708](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 6 Pair RAM Right-Angle Header, Left Guided, Right Endwall, 14 Columns, 252 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [76560](#)  
 Application Coplanar  
 Application Tooling Documents TM-622018799  
 Component Type PCB Header  
 Electrical Model Yes  
 Overview [Impact Backplane Connector and Cable Assembly System](#)  
 Product Name Impact  
 UPC 887191236186

**Physical**

Circuits (Loaded) 252  
 Circuits (maximum) 252  
 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 40.432/g  
 Number of Columns 14  
 Number of Pairs 6  
 Number of Rows 18  
 Orientation Right Angle  
 PC Tail Length 1.20mm  
 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  
 Stackable No  
 Temperature Range - Operating -55° to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.75A  
 Data Rate 25.0 Gbps  
 Impedance 100Ω  
 Shield Type N/A  
 Shielded No

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[76560](#) Series

**Mates With**

[76150](#) Impact 100 Ohm Daughtercard

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Press-In Tool for 6-Pair by 14-Column Backplane	<a href="#">622018698</a>
Impact Right-Angle Module Removal Tool (RAM)	<a href="#">622024350</a>

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

Electrical Model Document EE-76560-0001

Packaging Specification PK-70873-777-001

Product Specification PS-76060-999-001

S-Parameter Model SP-76560-0001, SP-76560-002

Sales Drawing SD-76560-9002

Symbol/Footprint Data SYM-76560-7708

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