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**Part Number:** [0764951807](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 85 Ohm Plus 4 Pair RAM Signal Module, Unguided, Open Endwalls, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-041-001 \(PDF\)](#)  
[Product Specification PS-170540-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-76060-990-001 \(PDF\)](#)

**Agency Certification**

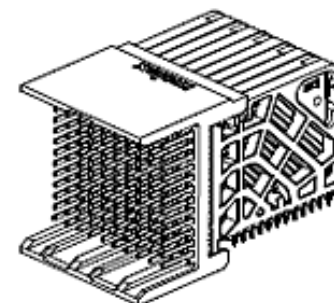
UL E29179

**General**

Product Family Backplane Connectors  
 Series [76495](#)  
 Application Coplanar  
 Application Tooling Documents TM-622018799-001  
 Component Type Right Angle Male  
 Electrical Model Yes  
 Overview [Impact Backplane Connector and Cable Assembly System](#)  
 Product Name Impact  
 UPC 887191739465

**Physical**

Circuits (Loaded) 96  
 Circuits (maximum) 96  
 Color - Resin Gray  
 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 11.130/g  
 Number of Columns 8  
 Number of Pairs 4  
 Number of Rows 12  
 Orientation Right Angle  
 PC Tail Length 1.20mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.00mm  
 Packaging Type Tray  
 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  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55° to +85°C



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)9139-DC (19  
 Jan 2021)

**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**

[76495 Series](#)

**Mates With**

[170340](#) Impact 85 Ohm Plus 4 Pair, Right Angle Daughtercard

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A           |
| Data Rate                     | 25.0 Gbps       |
| Impedance                     | 85Ω             |
| Shield Type                   | N/A             |
| Shielded                      | No              |
| Voltage - Maximum             | 30V AC (RMS)/DC |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-76060-990-001  |
| Electrical Model Document | EE-76495-0002-001 |
| Packaging Specification   | PK-70873-041-001  |
| Product Specification     | PS-170540-999-001 |
| S-Parameter Model         | SP-76495-0002-001 |
| Sales Drawing             | SD-76495-001-001  |

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