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**Part Number:** [0764501104](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 2 Pair Right-Angle Male Header, Unguided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-76060-999-001 \(PDF\)](#)  
[Application Specification AS-76060-990-001 \(PDF\)](#)  
[Application Specification AS-76060-9999-001 \(PDF\)](#)  
[Packaging Specification PK-70873-077-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
UL E29179

**General**  
Product Family Backplane Connectors  
Series [76450](#)  
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 887191162119

**Physical**  
Circuits (Loaded) 60  
Circuits (maximum) 60  
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 9.668/g  
Number of Columns 10  
Number of Pairs 2  
Number of Rows 6  
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 1.90mm  
Pitch - Termination Interface 1.90mm  
Plating min - Mating 0.762µm  
Polarized to PCB No  
Stackable No  
Temperature Range - Operating -55° to +85°C



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per - ED/71/2019 (16 July 2019)  
**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**  
[76450](#) Series

**Mates With**  
[76460](#) 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 Daughter Card Signal Module, 2-Pair by 10-Column Assemblies | <a href="#">622018778</a> |
| Impact Right-Angle Module Removal Tool (RAM)                                  | <a href="#">622024350</a> |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin        |
| <b>Electrical</b>                  |                                     |
| Current - Maximum per Contact      | 0.75A                               |
| Data Rate                          | 25.0 Gbps                           |
| Impedance                          | 100Ω                                |
| Shield Type                        | N/A                                 |
| Shielded                           | No                                  |
| Voltage - Maximum                  | 30V AC (RMS)/DC                     |
| <b>Solder Process Data</b>         |                                     |
| Lead-freeProcess Capability        | N/A                                 |
| <b>Material Info</b>               |                                     |
| <b>Reference - Drawing Numbers</b> |                                     |
| Application Specification          | AS-76060-990-001, AS-76060-9999-001 |
| Electrical Model Document          | EE-76450-002, EE-76450-50G          |
| Packaging Specification            | PK-70873-077-001                    |
| Product Specification              | PS-76060-999-001                    |
| S-Parameter Model                  | SP-76450-002, SP-76450-50G          |
| Sales Drawing                      | SD-76450-001-001                    |
| Symbol/Footprint Data              | SYM-76450-1104                      |

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