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**Part Number:** [0764505107](#)  
**Status:** **Active**  
**Overview:** Impact Backplane Connector and Cable Assembly System  
**Description:** Impact 100 Ohm 2 Pair Right-Angle Male Header, Right Guided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>   | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Packaging Specification PK-70873-077-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Symbol Footprint Data SYM-76450-5107-001 (PDF)</a>    |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> |   |

**Agency Certification**

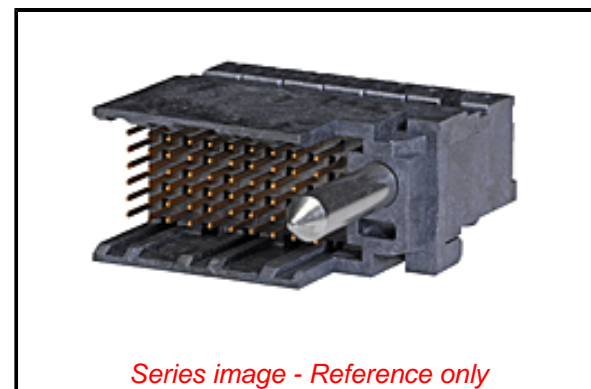
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**General**

|                               |  |
|-------------------------------|--|
| Product Family                | Backplane Connectors   |
| Series                        | <a href="#">76450</a>  |
| Application                   | Coplanar   |
| Application Tooling Documents | TM-622018799-001   |
| Component Type                | PCB Header   |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact   |
| UPC                           | 883906873776   |

**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           | 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                     | 8.912/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                  | 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                  |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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**

[76450](#) Series

**Mates With**

[76460](#) Impact 100 Ohm Daughtercard

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  
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, AS-76060-9999-001  
Electrical Model Document EE-76450-002-001, EE-76450-50G-001  
Packaging Specification PK-70873-077-001  
Product Specification PS-76060-999-001  
S-Parameter Model SP-76450-002-001, SP-76450-50G-001  
Sales Drawing SD-76450-004-001  
Symbol/Footprint Data SYM-76450-5107-001

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