

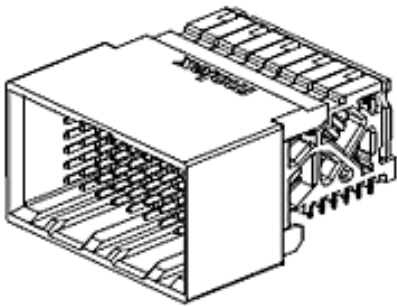
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**Part Number:** [0764501127](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 2 Pair Right-Angle Male Header, Unguided, Dual Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, 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 \(PDF\)](#)

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| <b>Agency Certification</b>   |                                                                      |
| UL                            | E29179                                                               |
| <b>General</b>                |                                                                      |
| Product Family                | Backplane Connectors                                                 |
| Series                        | <a href="#">76450</a>                                                |
| Application                   | Coplanar                                                             |
| Application Tooling Documents | TM-622018799                                                         |
| Component Type                | PCB Header                                                           |
| Electrical Model              | Yes                                                                  |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact                                                               |
| UPC                           | 884982669000                                                         |

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Physical</b>                |                                |
| 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                     | 11.174/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

|                                                                                                                                                                                                                                               |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                          |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                               | Green Image<br>Not Relevant<br>Not Relevant                                                   |

**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.*

|                                                                               |                           |
|-------------------------------------------------------------------------------|---------------------------|
| <b>Global</b>                                                                 |                           |
| <b>Description</b>                                                            | <b>Product #</b>          |
| 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>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-76450-1127                      |

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