

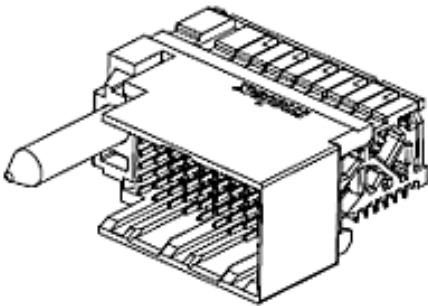
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**Part Number:** [0764507108](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 2 Pair Right-Angle Male Header, Left Guided, Right Endwall, 10 Columns, 60 Circuits, Pin Length 5.50mm,, Plated Through Hole Dimension 0.39mm, Lead-Free

|                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Documents:</b>                                                |                                                                   |
| <a href="#">3D Model</a>                                         | <a href="#">Application Specification AS-76060-994-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</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="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">Symbol Footprint Data SYM-76450-7108-001 (PDF)</a>    |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| <b>Agency Certification</b>   |                                                                      |
| UL                            | E29179                                                               |
| <b>General</b>                |                                                                      |
| Product Family                | Backplane Connectors                                                 |
| Series                        | <a href="#">76450</a>                                                |
| Application                   | Coplanar                                                             |
| Application Tooling Documents | TM-622018799-001                                                     |
| Component Type                | PCB Header                                                           |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact                                                               |
| UPC                           | 884982300217                                                         |

|                                |                                |
|--------------------------------|--------------------------------|
| <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           | 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 |
| 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                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b><br><b>Not Reviewed</b>                          |                   |
| <b>EU RoHS</b><br><b>Not Reviewed</b>                         | <b>China RoHS</b> |
| <b>REACH SVHC</b><br>Not Reviewed                             |                   |
| <b>Halogen-Free</b><br><b>Status</b><br><b>Not Reviewed</b>   |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Not Reviewed      |
| ELV                                                           | Not Reviewed      |
| RoHS Phthalates                                               | Not Reviewed      |

**Search Parts in this Series**  
[76450](#) Series

**Mates With**  
[76460](#) Impact 100 Ohm Daughtercard

**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 |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Application Specification | AS-76060-990-001, AS-76060-994-001,<br>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-76450-002-001                                         |
| Symbol/Footprint Data     | SYM-76450-7108-001                                       |

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