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Part Number: **0764505608**
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 2 Pair Right-Angle Male Header, Right Guided, Open Endwall, 16 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

| | |
|--|---|
| 3D Model | Application Specification AS-76060-9999-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-077-001 (PDF) |
| 3D Model (PDF) | Symbol Footprint Data SYM-76450-5608 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-990-001 (PDF) | |

Agency Certification

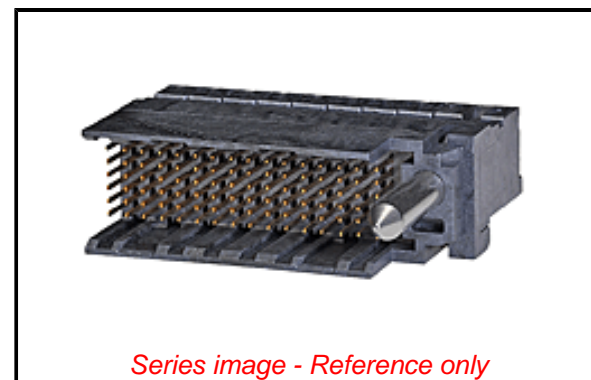
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General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 76450 |
| Application | Coplanar |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact Backplane Connector and Cable Assembly System |
| Product Name | Impact |
| UPC | 884982042049 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 96 |
| Circuits (maximum) | 96 |
| 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 | 11.890/g |
| Number of Columns | 16 |
| 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(2020)4578-DC (25
June 2020)

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

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 | 622018779 |
| Signal Module, 2-Pair by 16-Column Assemblies | |
| Impact Right-Angle Module Removal Tool (RAM) | 622024350 |

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-free Process Capability N/A

Material Info

Reference - Drawing Numbers

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-76450-004
Symbol/Footprint Data SYM-76450-5608

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