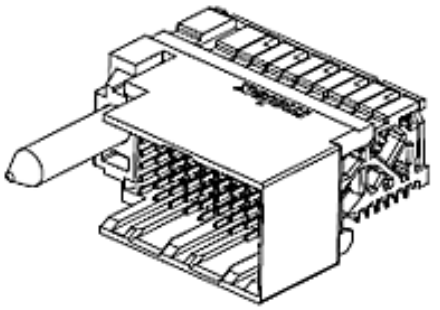
This document was generated on 11/17/2016

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**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



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-76060-999-001 (PDF)
- Application Specification AS-76060-990-001 (PDF)
- Application Specification AS-76060-994-001 (PDF)
- Application Specification AS-76060-9999-001 (PDF)
- Packaging Specification PK-70873-077 (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 |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| UPC | 884982300217 |

**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 |
| 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°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

**EU ELV**
Not Reviewed

**EU RoHS** | **China RoHS**
Not Reviewed

**REACH SVHC**
Not Reviewed

**Halogen-Free Status**
Not Reviewed

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| 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

**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 # |
|---|---|
| Impact™ Right Angle Module Removal Tool (RAM) | 0622024350 |
| Press-in-Tool for Daughter Card Signal Module, 2-Pair by 10-Column Assemblies | 0622018778 |

| | |
|---|---|
| **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, AS-76060-9999-001 |
| Electrical Model Document | EE-76450-002, EE-76450-50G |
| Packaging Specification | PK-70873-077 |
| Product Specification | PS-76060-999-001 |
| S-Parameter Model | SP-76450-002, SP-76450-50G |
| Sales Drawing | SD-76450-002 |
| Symbol/Footprint Data | SYM-76450-7108 |