

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0764101117](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 3 Pair Right-Angle Male Header, Unguided, Left Endwall, 10 Columns, 90 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

| | |
|--|---|
| 3D Model | Application Specification AS-76060-9999-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-762-001 (PDF) |
| 3D Model (PDF) | Symbol Footprint Data SYM-76410-1117-001 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-990-001 (PDF) | |

Agency Certification

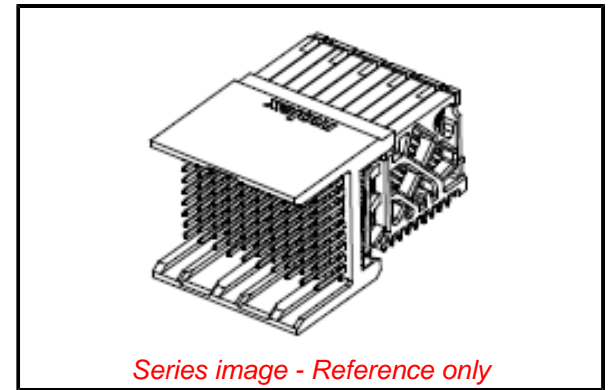
UL E29179

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 76410 |
| Application | Coplanar |
| Application Tooling Documents | TM-622018799-001 |
| Component Type | PCB Header |
| Overview | Impact Backplane Connector and Cable Assembly System |
| Product Name | Impact |
| UPC | 884982869585 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 90 |
| Circuits (maximum) | 90 |
| 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 | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 7.810/g |
| Number of Columns | 10 |
| Number of Pairs | 3 |
| Number of Rows | 9 |
| 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 |



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

[76410 Series](#)

Mates With

[76170 Impact 100 Ohm 3 Pair Right Angle 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-76410-002-002
Packaging Specification PK-70873-762-001
Product Specification PS-76060-999-001
S-Parameter Model SP-76410-002-002
Sales Drawing SD-76410-001-001
Symbol/Footprint Data SYM-76410-1117-001

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[76410-1117](#)