

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0764101107](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 3 Pair Right-Angle Male Header, Unguided, Open 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) |
| 3D Model (PDF) | Packaging Specification PK-70873-762-001 (PDF) |
| Drawing (PDF) | Symbol Footprint Data SYM-76410-1107-001 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-990-001 (PDF) | |

Agency Certification

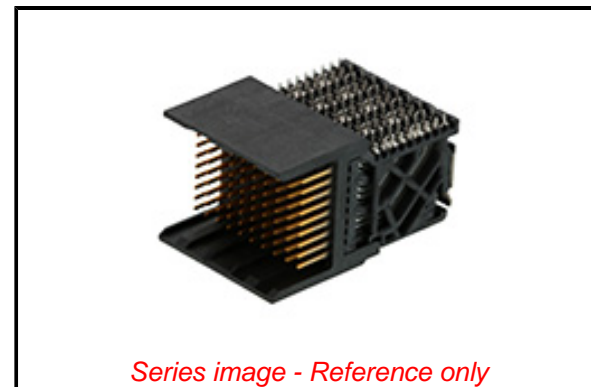
UL E29179

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 76410 |
| Application | Coplanar |
| Application Tooling Documents | TM-622018799-001 |
| Component Type | PCB Header |
| Electrical Model | Yes |
| Overview | Impact Backplane Connector and Cable Assembly System |
| Product Name | Impact |
| UPC | 883906421311 |

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 | None |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 7.633/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 |



Series image - Reference only

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](#)

Temperature Range - Operating -55° to +85°C
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-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-76410-1107-001

This document was generated on 09/21/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Speed/Modular Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[650827-1](#) [74040-1346](#) [1410191-1](#) [1410337-1](#) [1410368-3](#) [1410964-2](#) [1410326-3](#) [1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#)
[2041314-1](#) [2065387-1](#) [2187307-1](#) [163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [22354-8](#) [437-5040-000](#) [5-](#)
[1393565-0](#) [039-0246-000](#) [0761601016](#) [0784461022](#) [10123159-12ELF](#) [030-2415-003/100 PK](#) [030-7380-004](#) [030-2494-001](#) [532939-1](#)
[5532901-3](#) [3-1469268-7](#) [74748-102LF](#) [73670-0247](#) [10041743-101LF](#) [10066670-100002LF](#) [1-533915-1](#) [249-4515-000](#) [7-1469373-3](#) [DL2-](#)
[2J/S](#) [2000713-8](#) [2000713-7](#) [10124313-101LF](#) [3011-21](#) [757105208](#) [EBTF-4-10-2.0-S-RA-1](#) [430305-001](#)