

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0761559104**
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 4 Pair Vertical Backplane Header, Right Guided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

| | |
|--|---|
| 3D Model | Application Specification AS-76060-994-001 (PDF) |
| 3D Model (PDF) | Application Specification AS-76060-9999-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-757-001 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | Test Summary TS-76160-0001-001 (PDF) |
| Application Specification AS-76060-990-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

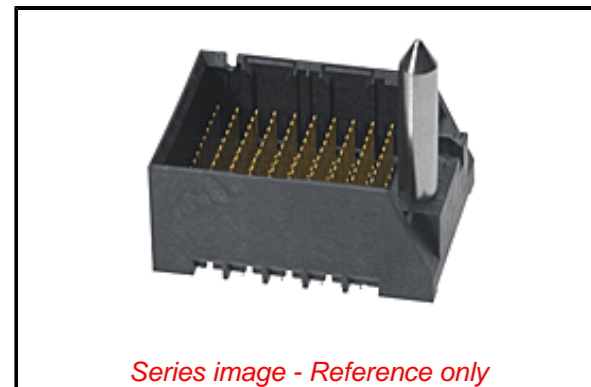
UL E29179

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 76155 |
| Application | Conventional |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact Backplane Connector and Cable Assembly System |
| Product Name | Impact |
| UPC | 800756923987 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 120 |
| Circuits (maximum) | 120 |
| 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 | 6.120/g |
| Number of Columns | 10 |
| Number of Pairs | 4 |
| Number of Rows | 12 |
| Orientation | Vertical |
| PC Tail Length | 1.40mm |
| 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 -
ECHA_01_2020 (16
January 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

[76155](#) Series

Mates With

[76160](#) 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 # |
|--|---------------------------|
| Backplane Insertion Tool for Signal Contact | 621005800 |
| Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan | 621009610 |
| Backplane Module Installation Press-In Tool | 622018640 |

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-76060-994-001,
AS-76060-9999-001
Packaging Specification PK-70873-757-001
Product Specification PS-76060-999-001
Sales Drawing SD-76155-003-001
Symbol/Footprint Data SYM-76155-9104
Test Summary TS-76160-0001-001

This document was generated on 03/27/2020

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 :

[2332816-1](#) [89006-1137LF](#) [650827-1](#) [65762-001LF](#) [73474-201LF](#) [74040-1346](#) [74075-0267](#) [88911-201LF](#) [9514M0C20D](#) [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](#)
[2187462-1](#) [2226278-6](#) [KA81-07](#) [91290-101LF](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [2226279-2](#) [22354-8](#) [437-](#)
[5040-000](#) [5-1393565-0](#) [532449-3](#) [532803-2](#) [34745-0001](#) [0740618502](#) [0760151403](#) [0760551105](#) [0760551608](#) [0761451128](#) [0761651124](#)
[0761655108](#) [0761659807](#) [0769853208](#) [0736440217](#) [0758324203](#)