

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0761659104](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 3 Pair Vertical Backplane Header, Right Guide, Left Endwall, 10 Columns, 90 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-758-001 (PDF)
3D Model (PDF)	Test Summary TS-76170-0001-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990-001 (PDF)	

Agency Certification

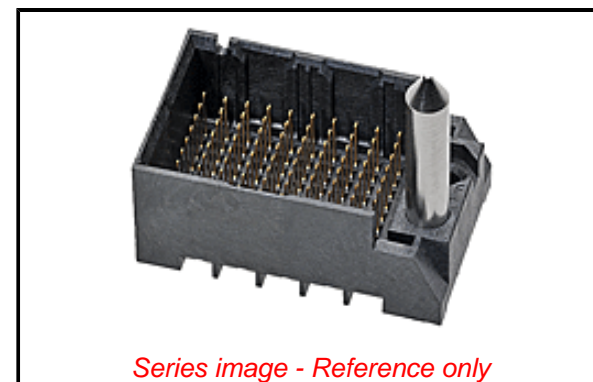
UL E29179

General

Product Family	Backplane Connectors
Series	76165
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906223014

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	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	5.365/g
Number of Columns	10
Number of Pairs	3
Number of Rows	9
Orientation	Vertical
PC Tail Length	1.40mm
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	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

[76165](#) Series

Mates With

[76170](#) 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	622018647

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

Material Info

Reference - Drawing Numbers

Application Specification

AS-76060-990-001, AS-76060-9999-001

Packaging Specification

PK-70873-758-001

Product Specification

PS-76060-999-001

Sales Drawing

SD-76165-003-001

Symbol/Footprint Data

SYM-76165-9104

Test Summary

TS-76170-0001-001

This document was generated on 03/10/2020

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](#)