

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0764109807](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 3 Pair Right Angle Male Header, Right Guided, Left Endwall, 8 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-76060-9999-001 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76060-990-001 \(PDF\)](#)

General

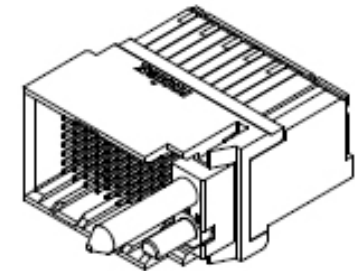
Product Family	Backplane Connectors
Series	76410
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	<u>Impact™ Backplane Connectors and Cable Assemblies</u>
Product Name	Impact™
Style	N/A
UPC	887191373546

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	10.797/g
Number of Columns	8
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100Ω



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76410](#) Series

Mates With

[76170](#) Impact™ 100 Ohm Right Angle 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 #

Daughter Card
Module Installation
Press-In Tool for 3-
Pair by 8-Column
Assemblies

[0622018675](#)

Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Impact™ Right Angle Module Removal Tool (RAM)

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
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76410-002
Sales Drawing	SD-76410-004

This document was generated on 11/21/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION