

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0765305047](#)

**Status:** **Active**

**Overview:** [Impact™ Backplane Connectors and Cable Assemblies](#)

**Description:** Impact 100 Ohm 5 Pair Mezzanine Receptacle, 40mm Stack Height, Right Guided, 14 Columns, 210 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

[Drawing \(PDF\)](#)

[Product Specification PS-76060-999-001 \(PDF\)](#)

[Application Specification AS-76060-990-001 \(PDF\)](#)

[Application Specification AS-76060-9999-001 \(PDF\)](#)

[Packaging Specification PK-70873-0040-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">76530</a>
Application	Mezzanine
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	<a href="#">Impact™ Backplane Connectors and Cable Assemblies</a>
Product Name	Impact
Style	N/A
UPC	887191659367

**Physical**

Circuits (Loaded)	210
Circuits (maximum)	210
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	35.196/g
Number of Columns	14
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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
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 -  
D(2020)4578-DC (25  
June 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**

[76530](#) Series

**Mates With**

[76055](#) Impact 100 Ohm Vertical Backplane Header

**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 #
Removal Tool for Impact Mezzanine 100 Ohm Vertical Header	<a href="#">621002170</a>
Press-In Tool for Impact Signal Module Assembly	<a href="#">622018861</a>

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-76530-0040
Packaging Specification	PK-70873-0040-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76530-0028, SP-76530-0038, SP-76530-0040
Sales Drawing	SD-76530-004

This document was generated on 10/05/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**