

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0765303046](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 5 Pair Mezzanine Receptacle, 40mm Stack Height, Left Guided, 16 Columns, 240 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free](#)

Documents:

3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76060-999 (PDF)	

Agency Certification

UL	E29179
----	--------

General

Product Family	Backplane Connectors
Series	76530
Application	Mezzanine
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982645547

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
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	40.514/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.20mm
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
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
-------------------------------	-------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

Green Image

Not Relevant

Search Parts in this Series

[76530](#) Series

Mates With

[76055 Impact™ 100 Ohm 5 Pair 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 #
Press-In Tool for Vertical Power Module Assembly, 5-Pair by 16-Column	0622018696
Removal Tool for Impact™ Mezzanine	0621002170

Data Rate	25.0 Gbps	100 Ohm Vertical Header
Impedance	100#	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990	
Electrical Model Document	EE-76530-0040	
Product Specification	PS-76060-999	
S-Parameter Model	SP-76530-0028, SP-76530-0038, SP-76530-0040	
Sales Drawing	SD-76530-002	
Symbol/Footprint Data	SYM-76530-3046	

This document was generated on 07/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION