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**Part Number:** [76530-1042](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connectors and Cable Assemblies](#)  
**Description:** Impact™ 100 Ohm 5 Pair Mezzanine Receptacle, 1.90 by 1.35mm Pitch, 40mm Stack Height, Unguided, 12 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-76060-999 \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">76530</a>
Application	Mezzanine
Component Type	PCB Receptacle
Overview	<a href="#">Impact™ Backplane Connectors and Cable Assemblies</a>
Product Name	Impact™
Style	N/A
UPC	887191150642

**Physical**

Circuits (Loaded)	180
Circuits (maximum)	180
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
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	24.909/g
Number of Columns	12
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.20mm
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	No
Stackable	Yes
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	100#
Shield Type	N/A



image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[76530Series](#)

**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 #
Impact™ Vertical Mezzanine Signal Module Installation Press-In Tool	<a href="#">0622018860</a>
Removal Tool for Impact™ Mezzanine 100 Ohm Vertical Header	<a href="#">0621002170</a>

Shielded  
Voltage - Maximum

No  
30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing  
Symbol/Footprint Data

PS-76060-999  
SD-76530-001  
SYM-76530-1042

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