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**Part Number:** [76530-5036](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)  
**Description:** [Impact™ 100 Ohm 5 Pair Mezzanine Receptacle, 38mm Stack Height, Right 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**

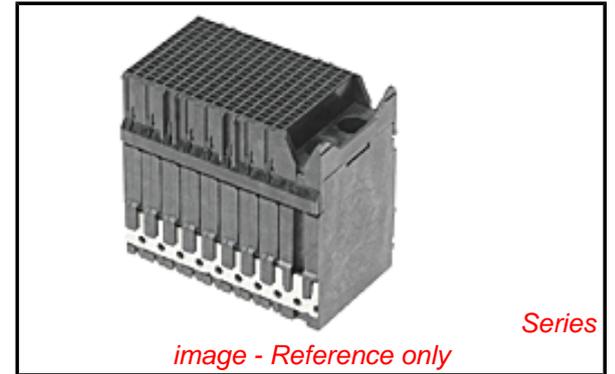
UL E29179

**General**

Product Family [Backplane Connectors](#)  
 Series [76530](#)  
 Application [Mezzanine](#)  
 Application Tooling Documents [TM-622018799](#)  
 Component Type [PCB Receptacle](#)  
 Electrical Model [Yes](#)  
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)  
 Product Name [Impact™](#)  
 UPC [884982339637](#)

**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 [39.897/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](#)



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Not Reviewed**

**Low-Halogen Status**

**Not Reviewed**

**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 #
Press-In Tool for Vertical Power Module Assembly, 5-Pair by 16-Column	<a href="#">0622018696</a>
Removal Tool for Impact™ Mezzanine 100 Ohm Vertical Header	<a href="#">0621002170</a>

**Electrical**

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-76060-990
Electrical Model Document	EE-76530-0038, EE-76530-381
Product Specification	PS-76060-999
S-Parameter Model	SP-76530-0028, SP-76530-0038, SP-76530-0040
Sales Drawing	SD-76530-004
Symbol/Footprint Data	SYM-76530-5036

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