

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

**Part Number:** [0761505016](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 6 Pair Right-Angle Daughtercard Receptacle, Right Guided, 16 Columns, 288 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76060-9999-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-70873-589-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-76150-5016 (PDF)</a>
<a href="#">Product Specification PS-76060-999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76060-990-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">76150</a>
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	<a href="#">Impact Backplane Connector and Cable Assembly System</a>
Product Name	Impact
UPC	883906217181

**Physical**

Circuits (Loaded)	288
Circuits (maximum)	288
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	41.600/g
Number of Columns	16
Number of Pairs	6
Number of Rows	18
Orientation	Right Angle
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
Stackable	No
Temperature Range - Operating	-55° to +85°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

[76150 Series](#)

**Mates With**

[76145 Impact 100 Ohm Vertical Backplane Header](#)

Termination Interface: Style

Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact

0.75A

Data Rate

25.0 Gbps

Impedance

100Ω

Shield Type

N/A

Shielded

No

Voltage - Maximum

30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-76060-990-001, AS-76060-9999-001

Electrical Model Document

EE-76150-001, EE-76560-0001

Packaging Specification

PK-70873-589-001

Product Specification

PS-76060-999-001

S-Parameter Model

SP-76150-001, SP-76560-0001

Sales Drawing

SD-76150-004-001

Symbol/Footprint Data

SYM-76150-5016

This document was generated on 05/24/2021

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