

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

**Part Number:** [0761703010](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacle, Left Guided, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [76170](#)  
 Application Conventional, Coplanar, Daughtercard  
 Application Tooling Documents TM-622018799-001  
 Component Type PCB Receptacle  
 Data Rate 25.0 Gbps  
 Electrical Model Yes  
 Overview impact\_backplane\_connector\_system  
 Product Name Impact  
 Taxonomy Backplane Connectors  
 UPC 883906216702

**Physical**

Circuits (Loaded) 90  
 Circuits (maximum) 90  
 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 10.757/g  
 Number of Columns 10  
 Number of Pairs 3  
 Number of Rows 9  
 Orientation Right Angle  
 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 No  
 Temperature Range - Operating -55° to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.75A  
 Impedance 100Ω  
 Shield Type N/A  
 Shielded No

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[76170](#) Series

**Mates With**

[76165](#) Impact 100 Ohm Vertical Header,  
[76410](#) Impact 100 Ohm Right Angle Header

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-76170-003-001
Packaging Specification	PK-70873-591-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76170-003-001
Sales Drawing	SD-76170-002-001
Symbol/Footprint Data	SYM-76170-3010-001
Test Summary	TS-76170-0001-001

This document was generated on 08/27/2022

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