

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

**Part Number:** [76170-1038](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connectors and Cable Assemblies](#)  
**Description:** Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, 1.90 by 1.35mm Pitch, Unguided, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

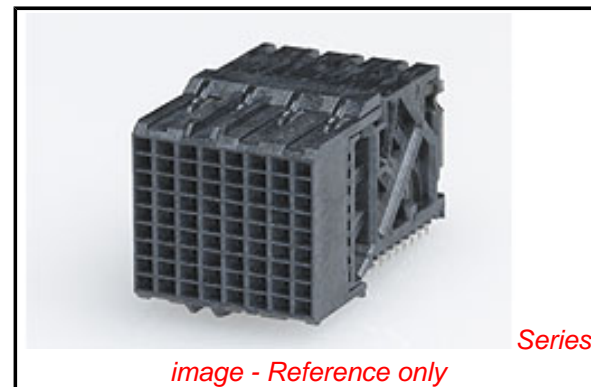
UL E29179

**General**

Product Family Backplane Connectors  
 Series [76170](#)  
 Application Coplanar, Daughtercard  
 Application Tooling Documents TM-622018799  
 Component Type PCB Receptacle  
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)  
 Product Name Impact™  
 Style N/A  
 UPC 883906481933

**Physical**

Circuits (Loaded) 72  
 Circuits (maximum) 72  
 Color - Resin Black  
 Durability (mating cycles max) 200  
 First Mate / Last Break No  
 Flammability 94V-0  
 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 7.525/g  
 Number of Columns 8  
 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 Yes  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin



**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**

[76170Series](#)

**Mates With**

[76165 Impact™ 100 Ohm Vertical Header,](#)

**Use With**

[76153 Pirate Cannon Wide Guide Module](#)

**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 #
Daughter Card	<a href="#">0622018675</a>
Module Installation Press-In Tool for 3-Pair by 8-Column Assemblies	
Impact Daughter Card Extraction Tool	<a href="#">0622024300</a>

Impact™ Daughter [0622024600](#)  
Card Module  
Removal Tool

## 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-76170-001
S-Parameter Model	SP-76170-001
Sales Drawing	SD-76170-001
Symbol/Footprint Data	SYM-76170-1038

This document was generated on 02/22/2013

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