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**Part Number:** [76150-1026](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 100 Ohm 6 Pair Right Angle Daughtercard Receptacle, 1.90 by 1.35mm Pitch, Unguided, 16 Columns, 288 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 [76150](#)  
 Application Conventional, 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 883906217112

**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 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 33.037/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 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



Series

image - Reference only

**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**

[76150Series](#)

**Mates With**

[76145 Impact™ 100 Ohm Vertical Backplane 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="#">0622018663</a> |
| Signal Module                           |                            |
| Assembly Press-In                       |                            |
| Tool for 6-Pair by 16-Column Assemblies |                            |

## 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   |
| Product Specification     | PS-76060-999   |
| Sales Drawing             | SD-76150-001   |
| Symbol/Footprint Data     | SYM-76150-1026 |

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