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**Part Number:** [76160-5120](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connectors and Cable Assemblies](#)  
**Description:** Impact™ 100 Ohm 4 Pair Right Angle Daughtercard Receptacle, 1.90 by 1.35mm Pitch, Right Guided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm , Key Orientation A, Lead-Free, Keying Orientation A

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-76060-999 \(PDF\)](#)  
[Application Specification AS-76060-990 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series [76160](#)  
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 883906689537

**Physical**

Circuits (Loaded) 120  
Circuits (maximum) 120  
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 Yes  
Material - Metal High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 15.692/g  
Number of Columns 10  
Number of Pairs 4  
Number of Rows 12  
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 Yes  
Stackable Yes  
Temperature Range - Operating -55°C to +85°C  
Termination Interface: Style Through Hole - Compliant Pin



image - Reference only

Series

**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**  
[76160Series](#)

**Mates With**  
[76155](#) Impact™ 100 Ohm Vertical Header,  
[76500](#) Impact™ 100 Ohm Right Angle Male 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 #                  |
| Daughter Card        | <a href="#">0622018641</a> |
| Module Installation  |                            |
| Press-In Tool        |                            |
| Impact Daughter      | <a href="#">0622024300</a> |
| Card Extraction 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   |
| Product Specification     | PS-76060-999   |
| Sales Drawing             | SD-76160-004   |
| Symbol/Footprint Data     | SYM-76160-5120 |

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