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Part Number: [76160-3010](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 4 Pair Right Angle Daughtercard Receptacle, Left Guided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.46mm, 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 [76160](#)
Application [Conventional, Coplanar, Daughtercard](#)
Application Tooling Documents [TM-622018799](#)
Component Type [PCB Receptacle](#)
Electrical Model [Yes](#)
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name [Impact™](#)
UPC [883906042219](#)

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 None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 15.535/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
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

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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	0622018641
Module Installation	
Press-In Tool	
Impact Daughter	0622024300
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
Electrical Model Document	EE-76160-003
Product Specification	PS-76060-999
S-Parameter Model	SP-76160-003
Sales Drawing	SD-76160-002
Symbol/Footprint Data	SYM-76160-3010

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