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Part Number: [76170-3120](#)
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, Left Guided, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.39mm , Polarization Key A, Lead-Free

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 [76170](#)
Application Conventional, Coplanar, Daughtercard
Application Tooling Documents TM-622018799
Component Type PCB Receptacle
Electrical Model Yes
Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
Product Name Impact™
Style N/A
UPC 883906689827

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 Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 10.965/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 Yes
Temperature Range - Operating -55°C to +85°C



image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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
[76170Series](#)

Mates With
[76165](#) Impact™ 100 Ohm Vertical 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	0622018646
Module Installation	
Press-In Tool for 3-Pair by 10-Column Assemblies	
Impact Daughter	0622024300
Card Extraction Tool	
Impact™ Daughter	0622024600
Card Module	
Removal Tool	

Termination Interface: Style

Through Hole - Compliant Pin

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

Product Specification

PS-76060-999

S-Parameter Model

SP-76170-001

Sales Drawing

SD-76170-002

Symbol/Footprint Data

SYM-76170-3120

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