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Part Number: [0761703010](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Left Guided, 10 Columns, 90 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

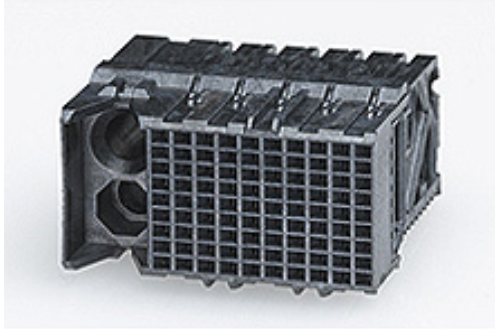
General

Product Family Backplane Connectors
Series [76170](#)
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 883906216702

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 None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 10.757/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
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014
December 17): No

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

[76170](#) Series

Mates With

[76165](#) Impact™ 100 Ohm Vertical Header,
[76410](#) Impact™ 100 Ohm Right Angle
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
Module Installation
Press-In Tool for 3-
Pair by 10-Column
Assemblies

[0622018646](#)

Current - Maximum per Contact	0.75A	Impact Daughter	0622024300
Data Rate	25.0 Gbps	Card Extraction Tool	
Impedance	100#	Impact™ Daughter	0622024600
Shield Type	N/A	Card Module	
Shielded	No	Removal Tool	
Voltage - Maximum	30V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Electrical Model Document	EE-76170-0001, EE-76170-003		
Product Specification	PS-76060-999		
S-Parameter Model	SP-76170-003		
Sales Drawing	SD-76170-002		
Symbol/Footprint Data	SYM-76170-3010		

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