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Part Number: **0761701038**
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Unguided, 8 Columns, 72 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

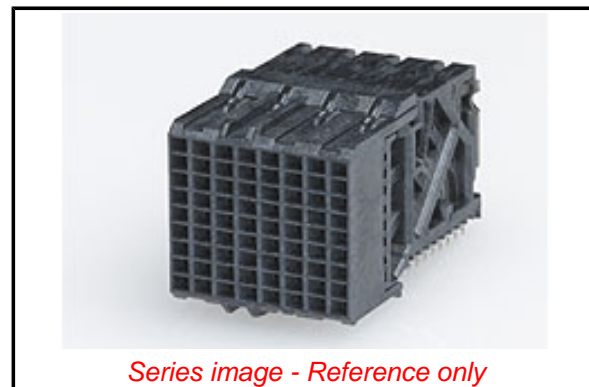
General

Product Family Backplane Connectors
Series 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 883906481933

Physical

Circuits (Loaded) 72
Circuits (maximum) 72
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 6.113/g
Number of Columns 8
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

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

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

76170 Series

Mates With

76165 Impact™ 100 Ohm Vertical Header,
76410 Impact™ 100 Ohm Right Angle 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 #

Impact Daughter Card Extraction Tool 0622024300

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

Solder Process Data

Lead-free Process Capability	N/A
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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-76170-001
Symbol/Footprint Data	SYM-76170-1038

Daughter Card	<u>0622018675</u>
Module Installation	
Press-In Tool for 3-	
Pair by 8-Column	
Assemblies	
Impact™ Daughter	<u>0622024600</u>
Card Module	
Removal Tool	

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