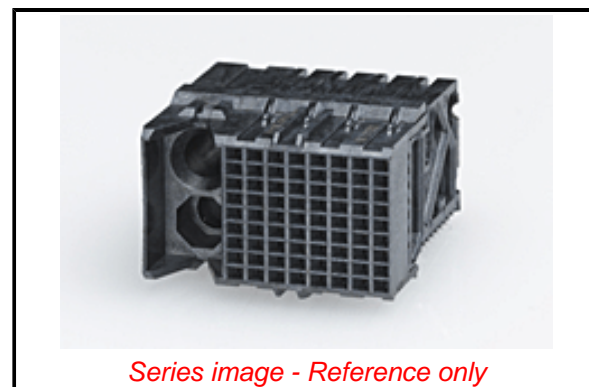


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Part Number: [0761703078](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacle with ESD Clip, Left Guided, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

Drawing (PDF)	Packaging Specification PK-70873-591-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Test Summary TS-76170-0001-001 (PDF)
Application Specification AS-76060-990-001 (PDF)	Symbol Footprint Data SYM-76170-3038-001 (PDF)
Application Specification AS-76060-9999-001 (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-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	887191127330

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	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	8.994/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	Yes
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	No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76170](#) Series

Mates With

[76165](#) Impact 100 Ohm Vertical Header,
[76410](#) Impact 100 Ohm Right Angle Header

Temperature Range - Operating -55° to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A
Impedance 100Ω
Shield Type N/A
Shielded No
Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-76060-990-001, AS-76060-9999-001
Electrical Model Document EE-76170-003-001
Packaging Specification PK-70873-591-001
Product Specification PS-76060-999-001
S-Parameter Model SP-76170-003-001
Sales Drawing SD-76170-002-001
Symbol/Footprint Data SYM-76170-3038-001
Test Summary TS-76170-0001-001

This document was generated on 10/01/2022

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