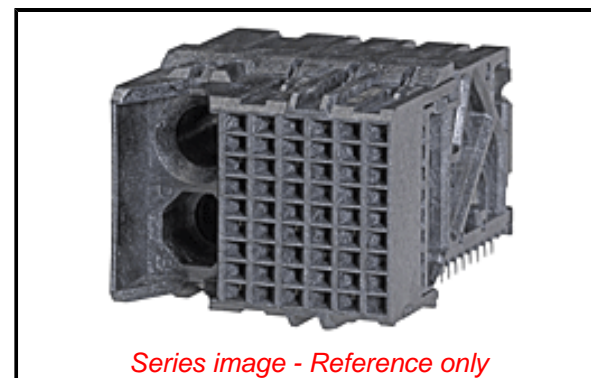


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0761703006](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacle, Left Guided, 6 Columns, 54 Circuits, Plated Through Hole Dimension 0.46mm, 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)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-9999-001 (PDF)	



Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	76170
Application	Daughtercard
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Style	N/A
UPC	887191381220

Physical

Circuits (Loaded)	54
Circuits (maximum)	54
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	7.329/g
Number of Columns	6
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
PC Tail Length	1.40mm
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
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

**Halogen-Free
Status**

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76170 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
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
Test Summary	TS-76170-0001-001

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[76170-3006](#)