

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0765305040](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 5 Pair Mezzanine Receptacle, 40mm Stack Height, Right Guided, 10 Columns, 150 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0040-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-76530-5040-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990-001 (PDF)	

Agency Certification

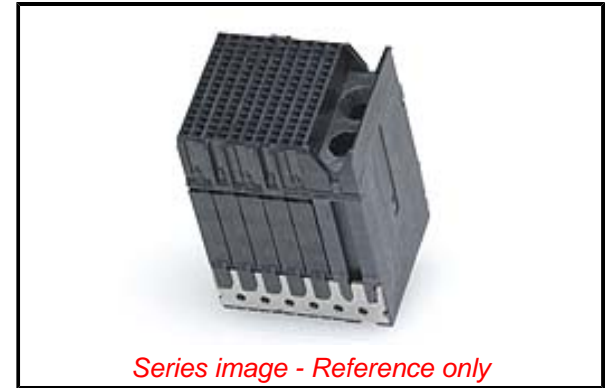
UL E29179

General

Product Family	Backplane Connectors
Series	76530
Application	Mezzanine
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	883906496487

Physical

Circuits (Loaded)	150
Circuits (maximum)	150
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	26.923/g
Number of Columns	10
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Stackable	Yes



Series image - Reference only

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76530](#) Series

Mates With

[76055](#) Impact 100 Ohm 5 Pair Vertical Backplane 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-76530-0040-001
Packaging Specification PK-70873-0040-001
Product Specification PS-76060-999-001
S-Parameter Model SP-76530-0028-002, SP-76530-0038-002,
SP-76530-0040-001
Sales Drawing SD-76530-004-001
Symbol/Footprint Data SYM-76530-5040-001

This document was generated on 08/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION