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Part Number: [0765305047](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 5 Pair Mezzanine Receptacle, 40mm Stack Height, Right Guided, 14 Columns, 210 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

Drawing (PDF)	Application Specification AS-76060-9999-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Packaging Specification PK-70873-0040-001 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

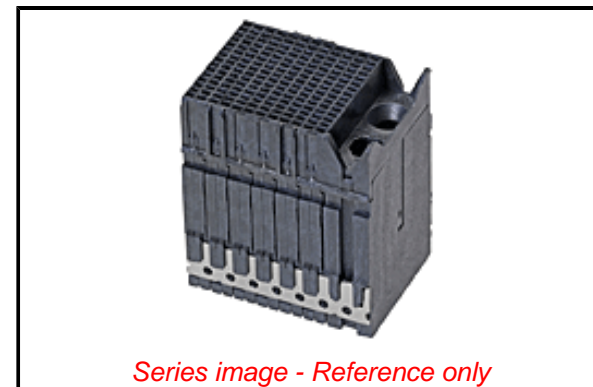
Product Family	Backplane Connectors
Series	76530
Application	Mezzanine
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	887191659367

Physical

Circuits (Loaded)	210
Circuits (maximum)	210
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	35.196/g
Number of Columns	14
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.40mm
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	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
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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 Vertical Backplane Header

Impedance	100Ω
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-76060-990-001, 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

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