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Part Number:

0765301042

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 5 Pair Mezzanine Receptacle, 40mm Stack Height, Unguided, 12 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

- 3D Model

Application Specification AS-76060-9999-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-70873-0040-001 (PDF)
- Drawing (PDF)

Symbol Footprint Data SYM-76530-1042-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-990-001 (PDF)

General

Product Family	Backplane Connectors
Series	76530
Application	Mezzanine
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191150642

Physical

Circuits (Loaded)	180
Circuits (maximum)	180
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	24.909/g
Number of Columns	12
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
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	No
Stackable	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

76530 Series

Mates With

76055 Impact 100 Ohm 5 Pair Vertical
Backplane Header

Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess 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-76530-001-001
Symbol/Footprint Data	SYM-76530-1042-001

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