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Part Number: 0764951607

Status: **Active**

Overview: Impact Backplane Connector and Cable Assembly System

Description: Impact 85 Ohm Plus 4 Pair RAM Signal Module, Unguided, Open Endwalls, 16 Columns, 192 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

Drawing (PDF)

Product Specification PS-170540-999-001 (PDF)

Packaging Specification PK-70873-041-001 (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

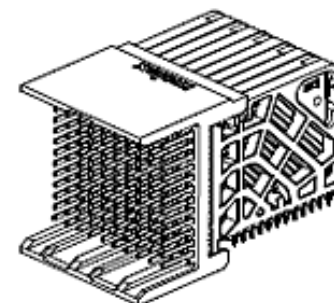
UL E29179

General

Product Family	Backplane Connectors
Series	<u>76495</u>
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	Right Angle Male
Electrical Model	Yes
Overview	<u>Impact Backplane Connector and Cable Assembly System</u>
Product Name	Impact
UPC	889056300926

Physical

Circuits (Loaded)	192
Circuits (maximum)	192
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	22.061/g
Number of Columns	16
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762μm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

76495 Series

Mates With

170340 Impact 85 Ohm Plus 4 Pair, Right Angle Daughtercard

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
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Description	Product
Impact Right-Angle	622024350

Module Removal

Tool (RAM)

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-76495-0002
Packaging Specification	PK-70873-041-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-76495-0002
Sales Drawing	SD-76495-001-001
Symbol/Footprint Data	SYM-76495-1607

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