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Part Number: 0764509607

Status: Active

Overview: Impact Backplane Connector and Cable Assembly System

Description: Impact 100 Ohm 2 Pair Right-Angle Male Header, Right Guided, Left Endwall, 16 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-994-001 (PDF)

Drawing (PDF)

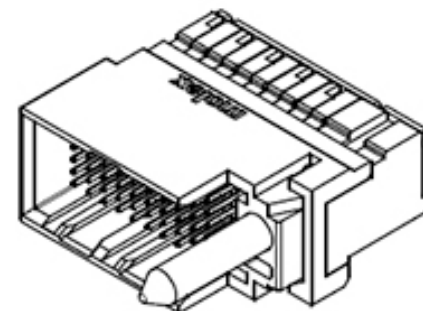
Application Specification AS-76060-9999-001 (PDF)

Product Specification PS-76060-999-001 (PDF)

Packaging Specification PK-70873-077-001 (PDF)

Application Specification AS-76060-990-001 (PDF)

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



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	<u>76450</u>
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly

Product Name	Impact
UPC	884982414297

Physical

Circuits (Loaded)	96
Circuits (maximum)	96
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	18.196/g
Number of Columns	16
Number of Pairs	2
Number of Rows	6
Orientation	Right Angle
PC Tail Length	1.20mm
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 -
ED/71/2019 (16 July
2019)

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

76450 Series

Mates With

76460 Impact 100 Ohm Daughtercard

Application Tooling | FAO

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 #
Press-in-Tool for Daughter Card Signal Module, 2-Pair by 16-Column Assemblies	<u>622018779</u>
Impact Right-Angle Module Removal Tool (RAM)	<u>622024350</u>

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001, AS-76060-994-001, AS-76060-9999-001
Electrical Model Document	EE-76450-002, EE-76450-50G
Packaging Specification	PK-70873-077-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76450-002, SP-76450-50G
Sales Drawing	SD-76450-004
Symbol/Footprint Data	SYM-76450-9607

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