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Part Number: [0769851125](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 5 Pair Vertical Orthogonal Header Unguided, Dual Endwall, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-70873-7707 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#)

Agency Certification

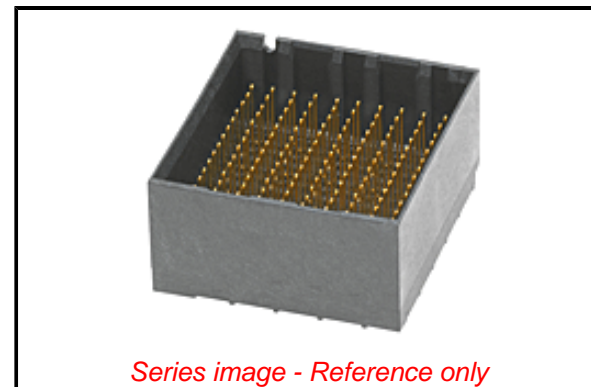
UL E29179

General

Product Family Backplane Connectors
 Series [76985](#)
 Application Orthogonal Midplane
 Application Tooling Documents TM-622018799
 Component Type PCB Header
 Overview [Impact Backplane Connector and Cable Assembly System](#)
 Product Name Impact
 UPC 884982719286

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 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 4.777/g
 Number of Columns 10
 Number of Pairs 5
 Number of Rows 15
 Orientation Vertical
 PC Tail Length 1.40mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 3.00mm
 Packaging Type Tray
 Pitch - Mating Interface 1.90mm, 2.15mm
 Pitch - Termination Interface 1.90mm, 2.15mm
 Plating min - Mating 0.762µm
 Polarized to PCB No
 Stackable No
 Temperature Range - Operating -55°C 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/01/2018 (15
 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[76985](#) Series

Mates With

[76990](#) Impact 100 Ohm Right Angle Orthogonal Daughtercard

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-7707
Product Specification	PS-76060-999-001
Sales Drawing	SD-171884-0001, SD-76985-001
Symbol/Footprint Data	SYM-76985-1125

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