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Part Number: **0764501108**
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 2 Pair Right Angle Male Header, Unguided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 5.50, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-70873-077 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

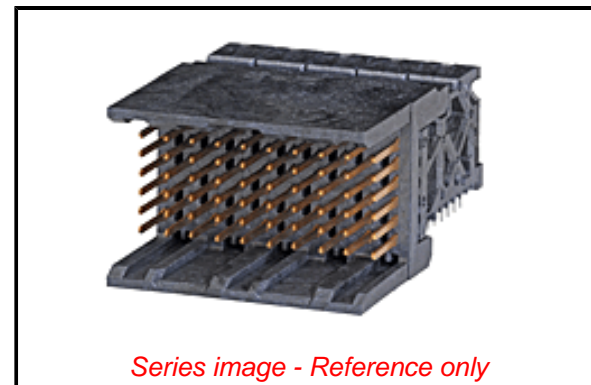
UL E29179

General

Product Family Backplane Connectors
 Series [76450](#)
 Application Coplanar
 Application Tooling Documents TM-622018799
 Component Type PCB Header
 Electrical Model Yes
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)
 Product Name Impact™
 UPC 884982662179

Physical

Circuits (Loaded) 60
 Circuits (maximum) 60
 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 9.792/g
 Number of Columns 10
 Number of Pairs 2
 Number of Rows 6
 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 1.90mm
 Pitch - Termination Interface 1.90mm
 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/01/2017 (12
 January 2017)

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

[76450](#) Series

Mates With

[76460](#) Impact™ 100 Ohm 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

Material Info**Reference - Drawing Numbers**

Electrical Model Document	EE-76450-002, EE-76450-50G
Packaging Specification	PK-70873-077
S-Parameter Model	SP-76450-002, SP-76450-50G
Sales Drawing	SD-76450-001
Symbol/Footprint Data	SYM-76450-1108

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