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Part Number: **0765607708**
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 6 Pair RAM Right Angle Header, Left Guided, Right Endwall, 14 Columns, 252 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-70873-777 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76560](#)
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 887191236186

Physical

Circuits (Loaded) 252
Circuits (maximum) 252
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 40.432/g
Number of Columns 14
Number of Pairs 6
Number of Rows 18
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
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/30/2017 (7 July
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

[76560](#) Series

Mates With

[76150](#) 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 |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|-----------------------------|
| Electrical Model Document | EE-76560-0001 |
| Packaging Specification | PK-70873-777 |
| Product Specification | PS-76060-999-001 |
| S-Parameter Model | SP-76560-0001, SP-76560-002 |
| Sales Drawing | SD-76560-9002 |
| Symbol/Footprint Data | SYM-76560-7708 |

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