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Part Number: [0764553607](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 100 Ohm 2 Pair Vertical Backplane Header, Left Guide, Open Endwall, 16 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-76060-990-001 (PDF) |
| Drawing (PDF) | Application Specification AS-76060-9999-001 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | Packaging Specification PK-70873-761 (PDF) |
| Product Specification TS-76460-0001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

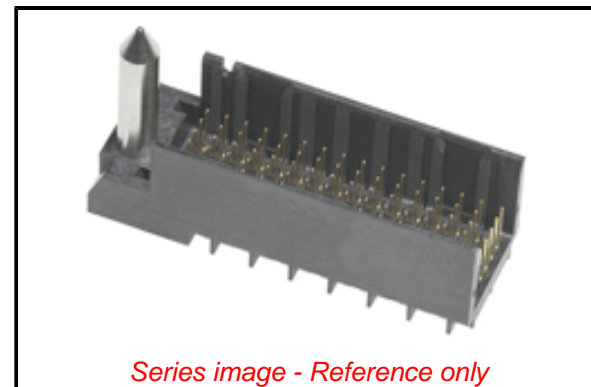
UL E29179

General

| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 76455 |
| Application | Conventional |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| UPC | 883906875374 |

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 | 4.854/g |
| Number of Columns | 16 |
| Number of Pairs | 2 |
| Number of Rows | 6 |
| Orientation | Vertical |
| PC Tail Length | 1.40mm |
| 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 | Yes |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55°C to +85°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

[76455](#) Series

Mates With

[76460](#) Impact™ 100 Ohm Daughtercard

Termination Interface: Style Through Hole - Compliant Pin

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

Material Info

Reference - Drawing Numbers

Application Specification AS-76060-990-001, AS-76060-9999-001
Packaging Specification PK-70873-761
Product Specification PS-76060-999-001, TS-76460-0001-001
Sales Drawing SD-76455-002
Symbol/Footprint Data SYM-76455-3607

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