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Part Number: [1715731615](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm Right-Angle Orthogonal Direct Header, 3-Pair, Unguided, Dual Endwall, with Outrigger, 6 Column, 18 Differential Pair, Pin Length 5.50mm, 0.46mm Plated Through-Hole, Lead-Free

Documents:

| | |
|--|---|
| 3D Model | Application Specification AS-76060-9999-001 (PDF) |
| Drawing (PDF) | Application Specification AS-76850-990-001 (PDF) |
| Product Specification PS-45499-002-001 (PDF) | Packaging Specification PK-70873-8018 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

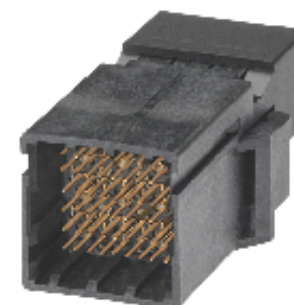
General

| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 171573 |
| Application | Orthogonal Direct |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Header |
| Overview | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name | Impact™ |
| UPC | 887191432106 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 54 |
| Circuits (maximum) | 54 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| 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 | 12.063/g |
| Number of Columns | 6 |
| Number of Pairs | 3 |
| Number of Rows | 9 |
| 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 | 1.35mm, 1.90mm, 2.15mm |
| Pitch - Termination Interface | 1.35mm, 1.90mm, 2.15mm |
| Plating min - Mating | 0.762µm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -55°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical



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

Not 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

[171573](#) Series

Mates With

[76860](#) Impact™ 100 Ohm Right Angle Orthogonal Daughtercard

| | |
|-------------------------------|-----------------|
| 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**

| | |
|---------------------------|-------------------------------------|
| Application Specification | AS-76060-9999-001, AS-76850-990-001 |
| Packaging Specification | PK-70873-8018 |
| Product Specification | PS-45499-002-001, PS-76060-999-001 |
| Sales Drawing | SD-171573-0001 |
| Symbol/Footprint Data | SYM-171573-1615 |

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