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Part Number: [1715761215](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact 100 Ohm Right-Angle Orthogonal Direct Header, 6-Pair, Unguided, Dual Endwall, with Outrigger, 12 Column, 72 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-70873-8024 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-990-001 (PDF) | |

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	171576
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact
UPC	887191432069
Physical	
Circuits (Loaded)	216
Circuits (maximum)	216
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	44.908/g
Number of Columns	12
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	1.35mm, 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



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 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[171576](#) Series

Mates With
[76290](#) 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

Application Specification	AS-76060-990-001, AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8024
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171576-0001
Symbol/Footprint Data	SYM-171576-1215

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