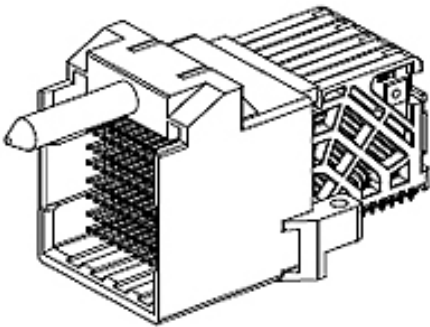


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Part Number: [1715757104](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: [Impact™ 100 Ohm Right-Angle Orthogonal Direct Header, 5-Pair, Top Guide, Bottom Endwall, with Outrigger, 10 Column, 50 Differential Pair, Pin Length 4.90mm, 0.46mm Plated Through-Hole, Lead-Free](#)

- Documents:**
- | | |
|---|--|
| 3D Model | Application Specification AS-76850-990-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-8022 (PDF) |
| Product Specification PS-45499-002-001 (PDF) | Packaging Specification PK-70873-8023 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-9999-001 (PDF) | |

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	171575
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
UPC	887191301525
Physical	
Circuits (Loaded)	150
Circuits (maximum)	150
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	32.938/g
Number of Columns	10
Number of Pairs	5
Number of Rows	15
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
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 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
[171575](#) Series

Mates With
[76990](#) Impact™ 100 Ohm Right Angle Orthogonal 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-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8022, PK-70873-8023
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171575-0002
Symbol/Footprint Data	SYM-171575-7104

This document was generated on 12/05/2016

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