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Part Number: [1715759107](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact 100 Ohm 5 Pair Right-Angle Orthogonal Direct Header, Bottom Guide, Top Endwall, with Outrigger, 10 Column, 90#Mate Position, Pin Length 4.90mm, Plated Through-Hole Dimension 0.39mm, 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-70873-8023-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (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	887191301570
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	32.920/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° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[171575](#) Series

Mates With
[76990](#) Impact 100 Ohm Right Angle Orthogonal Daughtercard

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Impact Daughter Card Extraction Tool	622024300
Impact Orthogonal Direct Ram Module Installation Press-In Tool 5-Pair by 10 Column	622030028

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-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8023-001
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171575-0003
Symbol/Footprint Data	SYM-171575-9107

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