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Part Number: [1715751118](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 5 Pair Right-Angle Orthogonal Direct Header, Unguided, Dual Endwall, with Outrigger, 10 Column, 90#Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-76850-990-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-8022-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-8023-001 \(PDF\)](#)
[Product Specification PS-45499-002-001 \(PDF\)](#) [Symbol Footprint Data SYM-171575-1118-001 \(PDF\)](#)
[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-622018799-001
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191288260
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	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	30.937/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	No
Stackable	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

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

Temperature Range - Operating	-55° to +85°C
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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8022-001, PK-70873-8023-001
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171575-0001-001
Symbol/Footprint Data	SYM-171575-1118-001

This document was generated on 01/03/2022

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