

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1715769238](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 6-Pair Right-Angle Orthogonal Direct Header, Bottom Guided, with Outtrigger, 12 Column, 72 Differential Pair, 270#Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.39mm, Lead Free

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-45499-002-001 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#)
[Application Specification AS-76060-9999-001 \(PDF\)](#)
[Application Specification AS-76850-990-001 \(PDF\)](#)
[Packaging Specification PK-70873-8025-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	171576
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799-001
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Style	N/A
UPC	887191724812
Physical	
Circuits (Loaded)	216
Circuits (maximum)	216
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	46.905/g
Number of Columns	12
Number of Pairs	6
Number of Rows	18
Orientation	Right Angle
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Stackable	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 Compliant REACH SVHC Not Contained Per - D(2021)4569-DC (8 July 2021) Halogen-Free Status Not Low-Halogen	China RoHS
For more information, please visit Contact US	
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
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8025-001
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171576-0003-001

This document was generated on 10/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

171576-9238