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**Part Number:** [1715749838](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 100 Ohm 4-Pair Right-Angle Orthogonal Direct Header, Bottom Guided, with Outtrigger, 8 Column, 32 Differential Pair, 270#Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.39mm, Lead Free

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-76850-990 \(PDF\)](#)  
[Product Specification PS-45499-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-76060-999 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [171574](#)  
 Application Orthogonal Direct  
 Application Tooling Documents TM-622018799  
 Component Type PCB Header  
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)  
 Product Name Impact™  
 Style N/A  
 UPC 887191727660

**Physical**

Circuits (Loaded) 96  
 Circuits (maximum) 96  
 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 22.010/g  
 Number of Columns 8  
 Number of Pairs 4  
 Number of Rows 12  
 Orientation Vertical  
 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°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[171574 Series](#)

**Mates With**

[76850 Impact™ 100 Ohm Right Angle Daughtercard](#)

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
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-76850-990
Product Specification	PS-45499-002, PS-76060-999
Sales Drawing	SD-171574-0003

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