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Part Number: [1715751118](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm Right-Angle Orthogonal Direct Header, 5-Pair, Unguided, Dual Endwall, with Outrigger, 10 Column, 50 Differential Pair, Pin Length 5.50mm, 0.39mm Plated Through-Hole, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-76850-990 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45499-002 \(PDF\)](#)

Agency Certification

UL E29179

General

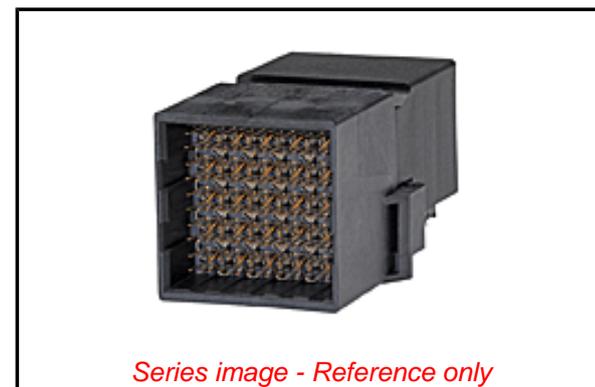
Product Family Backplane Connectors
 Series [171575](#)
 Application Orthogonal Direct
 Component Type PCB Header
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 UPC 887191288260

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
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A
 Data Rate 25.0 Gbps



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Contains SVHC(2015 June 15): No

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

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[171575](#) Series

Mates With

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

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Impact Daughter Card Extraction Tool	0622024300
Impact™ Orthogonal Direct Ram Module Installation Press-In Tool 5-Pair by 10 Column	0622030028

Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-76850-990
Product Specification	PS-45499-002
Sales Drawing	SD-171575-0001
Symbol/Footprint Data	SYM-171575-1118

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