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Part Number: [1715741817](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact 100 Ohm 4 Pair Right-Angle Orthogonal Direct Header, Unguided, Dual Endwall, with Outrigger, 8 Column, 90#Mate Position, Pin Length 4.90mm, Plated Through-Hole Dimension 0.39mm, Lead-Free

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
 UPC 887191307299

Physical

Circuits (Loaded) 96
 Circuits (maximum) 96
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 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 20.117/g
 Number of Columns 8
 Number of Pairs 4
 Number of Rows 12
 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

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171574](#) Series

Mates With

[76850](#) 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 [622024300](#)

Impact Orthogonal Direct Ram Module Installation Press-In Tool 4-Pair by 8 Column [622030027](#)

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

AS-76060-9999-001, AS-76850-990-001

Packaging Specification

PK-70873-8020-001

Product Specification

PS-45499-002-001, PS-76060-999-001

Sales Drawing

SD-171574-0001-001

Symbol/Footprint Data

SYM-171574-1817

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