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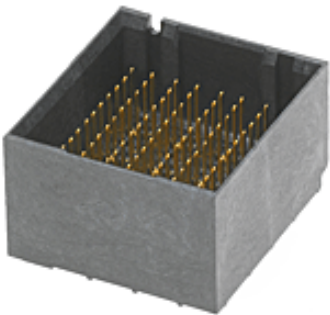
Part Number: [1713481828](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact 100 Ohm 4 Pair Vertical Orthogonal Header, Dual Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, 0.254µm Gold

Documents:
[3D Model](#) [Application Specification AS-76850-990-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-7706-001 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Backplane Connectors
Series [171348](#)
Application Conventional
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
Product Name Impact
UPC 887191046143

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 3.318/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 None
PCB Thickness - Recommended 1.00mm
Packaging Type Tray
Pitch - Mating Interface 1.90mm
Pitch - Termination Interface 1.90mm
Plating min - Mating 0.254µm
Polarized to PCB No
Stackable 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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
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Search Parts in this Series
[171348](#) Series

Mates With
[76850](#) Impact 100 Ohm 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 Backplane Press-In Tool	622030575

Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76850-990-001
Packaging Specification	PK-70873-7706-001
Product Specification	PS-76060-999-001
Sales Drawing	SD-171348-0001-001

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