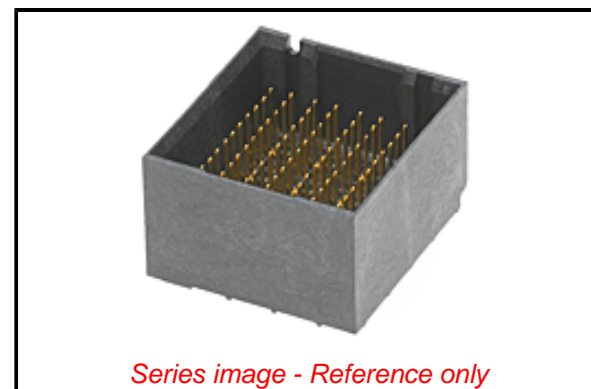


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Part Number: [1713481828](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact 100 Ohm 4 Pair Vertical Orthogonal Header, Dual Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole 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)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76060-999-001 (PDF)	



Series image - Reference only

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

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

[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	622030575
Press-In Tool	

Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-free Process 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

This document was generated on 07/27/2020

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