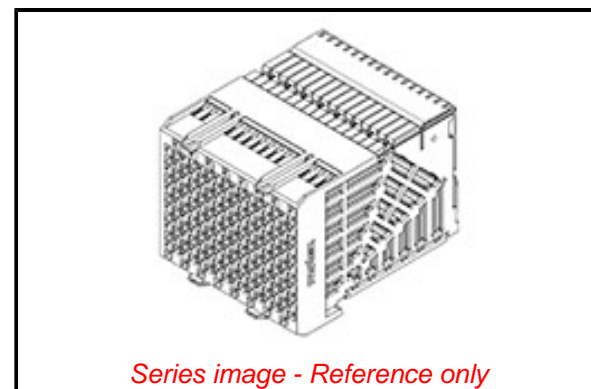


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Part Number: [1736311016](#)
Status: **Active**
Overview: Impulse Backplane Connector System
Description: Impulse 90 Ohm 6-Pair Orthogonal Daughtercard, 2.00mm Pitch, Unguided, 16 Columns, 96 Differential Pair

Documents:

3D Model	Application Specification 1735109997-AS-000 (PDF)
Drawing (PDF)	Application Specification 1735109998-AS-000 (PDF)
3D Model (PDF)	Application Specification 1735109999-AS-000 (PDF)
Product Specification 1735109000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Backplane Connectors
Series	173631
Application	Daughtercard
Component Type	PCB Receptacle
Overview	Impulse Backplane Connector System
Product Name	Impulse
UPC	193264429806

Physical

Circuits (Loaded)	192
Circuits (maximum)	192
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	72.297/g
Number of Columns	16
Number of Pairs	6
Number of Rows	12
Orientation	Right Angle
PC Tail Length	1.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	112 Gbps (PAM-4)
Impedance	90Ω
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[173631](#) Series

Material Info

Reference - Drawing Numbers

Application Specification

1735109997-AS-000, 1735109998-AS-000,

1735109999-AS-000

Product Specification

1735109000-PS-000

Sales Drawing

1736311000-000

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