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Part Number: [1723751707](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact zX2 95 Ohm 6 Pair Vertical Backplane Header, Unguided, 14 Columns, 336 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free

Documents:

3D Model	Application Specification AS-172374-0001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-7703 (PDF)
Product Specification PS-172374-999 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-172374-999-001 (PDF)	

General

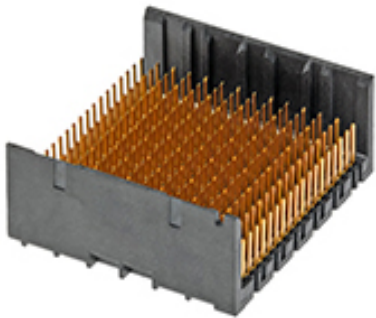
Product Family	Backplane Connectors
Series	172375
Application	Backplane, Conventional
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact zX2
UPC	887191652382

Physical

Circuits (Loaded)	336
Circuits (maximum)	336
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	6.568/g
Number of Columns	14
Number of Pairs	6
Number of Rows	24
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	Yes
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	28.0 Gbps
Impedance	95Ω



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[172375](#) Series

Mates With

Impact zX2 Daughtercard [173092](#)

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 #

Press-In Tool for 6- Pair by 14-Column Backplane	622018639
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Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-172374-0001
Packaging Specification	PK-70873-7703
Product Specification	PS-172374-999, PS-172374-999-001
Symbol/Footprint Data	SYM-172375-1707

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