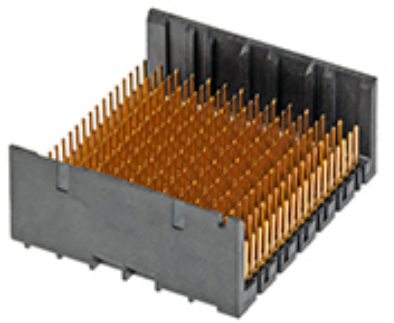
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Part Number: 1723751707
Status: Active
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ zX2 95 Ohm 6 Pair Vertical Backplane Header, Unguided, 14 Columns, 336 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-172374-999 (PDF)
Packaging Specification PK-70873-7703 (PDF)
RoHS Certificate of Compliance (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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Data Rate	28.0 Gbps
Impedance	95Ω
Shield Type	Ground Plane Shield

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
172375 Series

Mates With
Impact™ zX2 Daughtercard 172374

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	0622018639

Shielded	Yes
Voltage - Maximum	150V AC (RMS)
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-7703
Product Specification	PS-172374-999
Sales Drawing	SD-172375-0001

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