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Part Number: [1725501207](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ zX2 95 Ohm 6 Pair Orthogonal Direct RAM Signal Module, Unguided, 12 Columns, 288 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-70873-8027 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-172374-999 \(PDF\)](#)

General

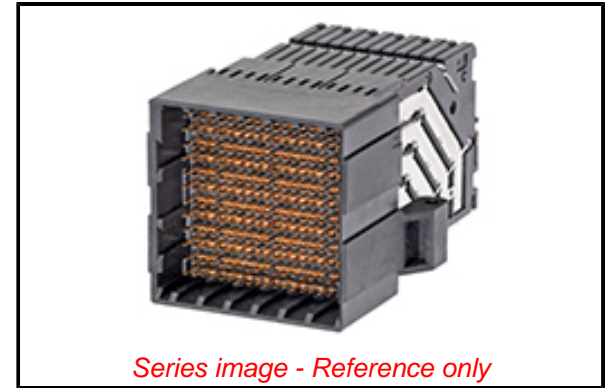
Product Family	Backplane Connectors
Series	172550
Application	Orthogonal Direct
Component Type	Right Angle Male
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™ zX2
UPC	889056083720

Physical

Circuits (Loaded)	288
Circuits (maximum)	288
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 Performance Thermoplastic
Net Weight	48.803/g
Number of Columns	12
Number of Pairs	6
Number of Rows	24
Orientation	Right Angle
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	No
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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172550](#) Series

Mates With

Impact™ zX2 Orthogonal Daughtercard
[172540](#)
 Impact™ Orthogonal
Daughtercard [76290](#)

Shielded	Yes
Voltage - Maximum	150V AC (RMS)
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-8027
Product Specification	PS-172374-999
Sales Drawing	SD-172550-0001-000

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