

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1728103818](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ zX2 95 Ohm 4 Pair Orthogonal Direct RAM Signal Module, Top Guided, 8 Columns, 128 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

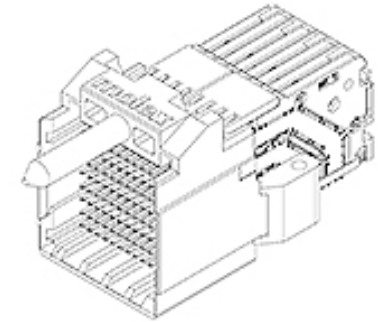
Product Family	Backplane Connectors
Series	172810
Application	Orthogonal Direct
Component Type	Right Angle Male
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™ zX2
UPC	889056392488

Physical

Circuits (Loaded)	128
Circuits (maximum)	128
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
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	25.572/g
Number of Columns	8
Number of Pairs	4
Number of Rows	16
Orientation	Right Angle
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
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
Shielded	Yes



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not 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

Green Image

Not Reviewed

Not Contained

Search Parts in this Series

[172810](#) Series

Mates With

Impact™ zX2 Orthogonal Daughtercard
[172700](#)
 Impact™ Orthogonal
Daughtercard [76850](#)

Voltage - Maximum 150V AC (RMS)

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Sales Drawing SD-172810-0002

This document was generated on 12/05/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION