molex



Part Number : 1726995026
Product Description : Impact zX2 95 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Right Guided, 16 Columns, 256 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free
Series Number : 172699
Status : Active
Product Category : Backplane Connectors

Documents and Resources

Drawings

1726995026_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-76060-9997-001.pdf

PS-172374-999-001.pdf

PS-45499-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Backplane Connectors
Series	172699
Description	Impact zX2 95 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Right Guided, 16 Columns, 256 Circuits, Plated Through Hole Dimension 0.36mm, Lead-Free
Application	Daughtercard
Component Type	PCB Receptacle
Product Name	Impact zX2
UPC	889056470940

Agency

UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Data Rate	28.0 Gbps
Impedance	95Ω
Shielded	Yes

Shield Type	Ground Plane Shield
Voltage - Maximum	150V AC (RMS)

Physical

Circuits (Loaded)	256
Circuits (maximum)	256
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	41.967/g
Number of Columns	16
Number of Pairs	4
Number of Rows	16
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
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
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 100 Ohm 4 Pair Vertical Backplane Headers	76155