Part Number : 2147352001
Product Description : zCD (CDFP) Connector Assembly, 16X, 120 Circuits, PCIe Gen 5, 0.75mm Pitch, with EMI Gasket, Gold (Au) Over Nickel Plated
Series Number : 214735
Status : Active
Product Category : High-Speed I/O Connectors
Engineering Part Number : 2147351001



Documents and Resources

Drawings

2147352001_sd.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)7771-DC (04 Feb 2026)
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

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Additional Product Compliance Information

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	214735
Description	zCD (CDFP) Connector Assembly, 16X, 120 Circuits, PCIe Gen 5, 0.75mm Pitch, with EMI Gasket, Gold (Au) Over Nickel Plated
Application	Wire-to-Board
Component Type	Receptacle
Product Name	CDFP,zCD
Type	Pluggable
UPC	196823067662

Agency

UL	E29179

Electrical

Current - Maximum per Contact	1.0A
Data Rate	28.0 Gbps
Grounding to Panel	Bezel
Shielded	Yes
Shield Type	EMI Gasket
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	120
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Gender	Female
Keying to Mating Part	No
Lock to Mating Part	Yes

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Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	32.909/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

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