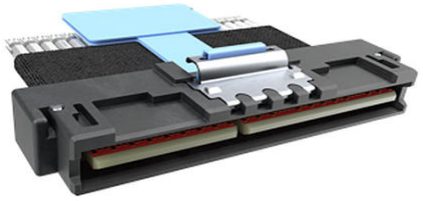
Part Number : 2255571001
Product Description : NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 16x, 124 Circuits, 20 HS Channels Max, PCIe Gen 6, 500.00mm Length
Series Number : 225557
Status : Active
Product Category : High-Speed I/O Cable Assemblies



Documents and Resources

Drawings

2255571001_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

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EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	225557
Description	NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 16x, 124 Circuits, 20 HS Channels Max, PCIe Gen 6, 500.00mm Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	NextStream-to-NextStream
Product Name	NextStream
Type	Internal
UPC	196823749674

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.1A
Data Rate	64 Gbps (PAM-4)
Voltage - Maximum	30V AC (RMS)/DC

Physical

Cable Bundling	Woven Braid
Cable Length	500.00mm
Circuits (Loaded)	124
Circuits (maximum)	124
Color - Resin	Black
Durability (mating cycles max)	200
Gender	Plug/Plug

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Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Number of Pairs	40
Number of Rows	2
Orientation	Straight-to-Straight
Packaging Type	Bag
Release Style	Pull Tab
Single Ended	No
Wire/Cable Type	Twinax

Mates With / Use With

Mates with Part(s)

Description	Part Number
NextStream Connector, 16x, 124 Circuits, 20 HS Channels Max, 1.55mm Shell Leg Length, PCIe Gen 6, with Pick and Place Dust Cap	2203854021

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