



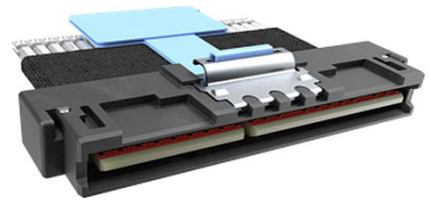
Part Number : [2255571001](#)

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

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
Flammability	94V-0
Gender	Plug/Plug
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	<u>2203854021</u>

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