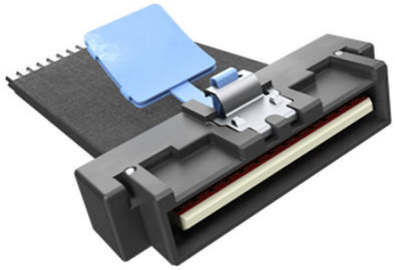
**Part Number :** 2207501001
**Product Description :** NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 8x, 80 Circuits, 13 HS Channels Max, PCIe Gen 6, 500.00mm Length
**Series Number :** 220750
**Status :** Active
**Product Category :** High-Speed I/O Cable Assemblies



## Documents and Resources

### Drawings

2207501001_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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | High-Speed I/O Cable Assemblies |
| Series | 220750 |
| Description | NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 8x, 80 Circuits, 13 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 | 196823421211 |

### 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) | 80 |
| Circuits (maximum) | 80 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| Gender | Plug/Plug |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |

| | |
|---|---|
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Number of Pairs | 26 |
| 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, 8x, 80 Circuits, 13 HS Channels Max, 1.55mm Shell Leg Length, PCIe Gen 6, with Pick and Place Dust Cap | 2203852011 |