



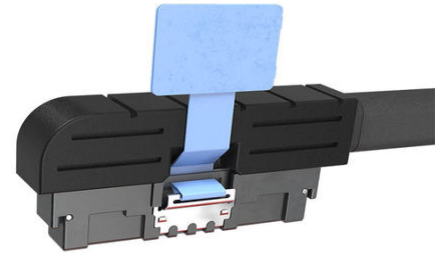
**Part Number :** [3007711001](#)

**Product Description :** NextStream Side-Exit-to-NextStream Side-Exit Cable Assembly, Pull Tab, 16x, 124 Circuits, 20 HS Channels Max, PCIe Gen 6, 500.00mm Length

**Series Number :** 300771

**Status :** Active

**Product Category :** High-Speed I/O Cable Assemblies



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## Documents and Resources


### Drawings

[3007711001\\_sd.pdf](#)

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## 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                 | 300771  |
| Description            | NextStream Side-Exit-to-NextStream Side-Exit 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                    | 196823749650  |

#### 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   |
| Lock to Mating Part            | Yes         |
| Material - Plating Mating      | Gold        |

|                  |                              |
|------------------|------------------------------|
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Number of Pairs  | 40                           |
| Number of Rows   | 2                            |
| Orientation      | Left-Exit-to-Right-Exit      |
| Packaging Type   | Bag                          |
| Release Style    | Pull Tab                     |
| Single Ended     | No                           |
| Wire/Cable Type  | Twinax                       |

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## 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><a href="#">2203854021</a></u> |

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