



**Part Number :** [1002973301](#)  
**Product Description :** zQSFP+-to-zQSFP+ Cable  
Assembly, 26 AWG, 3.0m Length  
**Series Number :** 100297  
**Status :** Active  
**Product Category :** High-Speed I/O Cable  
Assemblies



## Documents & Resources

### Drawings

[1002973301\\_sd.pdf](#)

### Specifications

[1002970003-000.pdf](#)

[1002970004-000.pdf](#)

[1002970006-000.pdf](#)

[1002970007-000.pdf](#)

[1002970008-000.pdf](#)

[1002970009-000.pdf](#)

[1002970020-000.pdf](#)

[1002970021-000.pdf](#)

[1002970023-000.pdf](#)

[TS-100297-3301-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC<br>(27 June 2024)                                                           |

|         |                           |
|---------|---------------------------|
| 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

#### CE - Declaration of Conformity

## Part Details

### General

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Status                 | Active                                                  |
| Category               | High-Speed I/O Cable Assemblies                         |
| Series                 | 100297                                                  |
| Description            | zQSFP+-to-zQSFP+ Cable Assembly,<br>26 AWG, 3.0m Length |
| Assembly Configuration | Dual Ended Connectors                                   |
| Connector to Connector | QSFP28-to-QSFP28, zQSFP+-to-<br>zQSFP+                  |
| Product Name           | zQSFP Plus,zQSFP+                                       |
| Type                   | Pluggable                                               |
| UPC                    | 887191650081                                            |

### Electrical

|                               |           |
|-------------------------------|-----------|
| Current - Maximum per Contact | 0.03A     |
| Data Rate                     | 28.0 Gbps |
| Impedance                     | 100Ω      |
| Voltage - Maximum             | 3.3V DC   |

**Physical**

|                     |               |
|---------------------|---------------|
| Cable Bundling      | None          |
| Cable Length        | 3.0m          |
| Circuits (Loaded)   | 38            |
| Circuits (maximum)  | 38            |
| Gender              | Plug/Plug     |
| Lock to Mating Part | Yes           |
| Material - Metal    | Zinc Die Cast |
| Net Weight          | 6442.038/g    |
| Packaging Type      | Bag           |
| Release Style       | Pull Tab      |
| Single Ended        | No            |
| Wire/Cable Type     | Round         |
| Wire Size (AWG)     | 26            |

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**Mates With / Use With**

**Mates with Part(s)**

|             |                            |
|-------------|----------------------------|
| Description | Part Number                |
| Mates With  | zQSFP Cages and Connectors |