



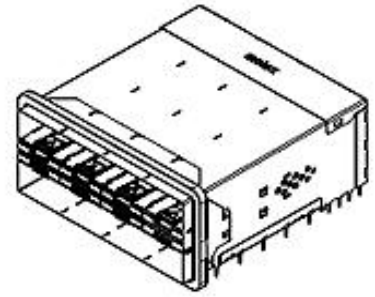
**Part Number :** [1712248011](#)

**Product Description :** zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-8 with 4 Light Pipes, 320 Circuits

**Series Number :** 171224

**Status :** Active

**Product Category :** High-Speed I/O Connectors



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## Documents and Resources

### Drawings

[1712248011\\_sd.pdf](#)

[PK-170071-002-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[EE-170071-0001-001.pdf](#)

[SP-170426-1000-001.zip](#)

### Specifications

[AS-170071-0002-001.pdf](#)


[PS-170071-0001-001.pdf](#)

[TS-170071-0001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33   |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not 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 Connectors  |
| Series         | 171224   |
| Description    | zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-8 with 4 Light Pipes, 320 Circuits |
| Application    | Module-to-Board  |
| Component Type | Receptacle   |
| Product Name   | zSFP Plus,zSFP+  |
| Type           | Pluggable  |
| UPC            | 884982824492   |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
|-------------------------------|------|

|                   |                 |
|-------------------|-----------------|
| Data Rate         | 28.0 Gbps       |
| Shielded          | Yes             |
| Shield Type       | EMI Fingers     |
| Voltage - Maximum | 30V AC (RMS)/DC |

## Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 320                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 100                            |
| Flammability                   | 94V-0                          |
| Gender                         | Female                         |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Matte Tin                      |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 190.032/g                      |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Tray                           |
| Panel Mount                    | No                             |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.57mm                         |
| Pitch - Mating Interface       | 0.80mm                         |
| Pitch - Termination Interface  | 0.80mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 16                             |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface Style    | Through Hole - Compliant Pin   |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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