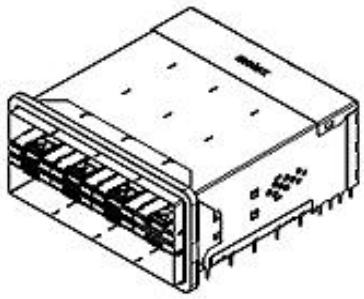
**Part Number :** 1700716011
**Product Description :** zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-6 with 4 Light Pipes, 240 Circuits
**Series Number :** 170071
**Status :** Active
**Product Category :** High-Speed I/O Connectors



## Documents and Resources

### Drawings

1700716011_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

SYM-170071-0001-001.zip

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

## 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)4165- |

| | |
|---|---|
| | DC (25 June 2025) |
| 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 Connectors |
| Series | 170071 |
| Description | zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-6 with 4 Light Pipes, 240 Circuits |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Product Name | zSFP Plus,zSFP+ |
| Type | Pluggable |
| UPC | 884982402331 |

### Agency

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

### Electrical

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

| | |
|---|---|
| Data Rate | 28.0 Gbps |
| Shielded | Yes |
| Shield Type | N/A |
| Voltage - Maximum | 30V AC |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 240 |
| 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 | 145.264/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.36mm |
| 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 | 12 |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Through Hole - Compliant Pin |

**Solder Process Data**

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

## Application Tooling