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Part Number: [1700718012](#)
Status: **Active**
Overview: [zSFP+ Interconnect System](#)
Description: zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-8 with Inner Light Pipes, 320 Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-170071-0002-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-170071-0001-001 (PDF) |
| Drawing (PDF) | Symbol Footprint Data SYM-170071-0001-001 (PDF) |
| Product Specification PS-170071-0001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

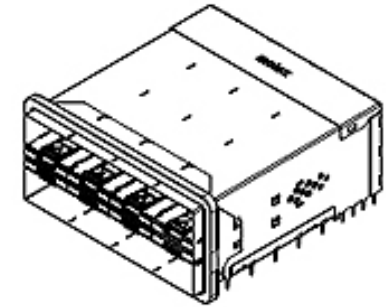
UL E29179

General

| | |
|------------------|---|
| Product Family | I/O Connectors |
| Series | 170071 |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Data Rate | 28.0 Gbps |
| Electrical Model | Yes |
| Overview | zSFP+ Interconnect System |
| Product Name | zSFP Plus, zSFP+ |
| Type | N/A |
| UPC | 884982398214 |

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 | 186.695/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.36mm |
| Packaging Type | Tray |
| Panel Mount | No |
| 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 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170071 Series](#)

Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.5A |
| Shield Type | N/A |
| Shielded | Yes |
| Voltage - Maximum | 30V AC |

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|---------------------|
| Application Specification | AS-170071-0002-001 |
| Electrical Model Document | EE-170071-0001-001 |
| Product Specification | PS-170071-0001-001 |
| S-Parameter Model | SP-170426-1000-001 |
| Sales Drawing | 1700710002-000 |
| Symbol/Footprint Data | SYM-170071-0001-001 |
| Test Summary | TS-170071-0001-001 |

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