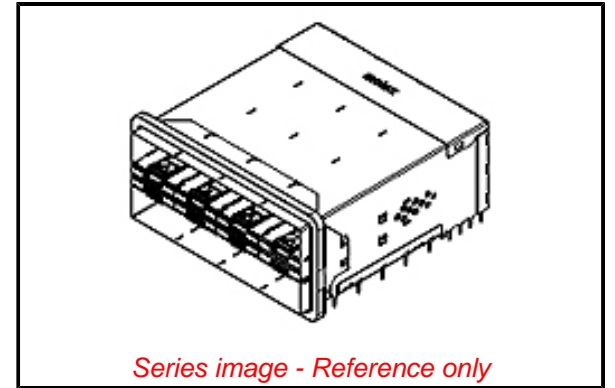


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Part Number: [1712246011](#)
Status: **Active**
Overview: [zSFP+ Interconnect System](#)
Description: zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-6 with 4 Light Pipes, 240 Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-170071-0002-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-170071-002-001 (PDF) |
| Drawing (PDF) | Test Summary TS-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 | 171224 |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Data Rate | 28.0 Gbps |
| Overview | zSFP+ Interconnect System |
| Product Name | zSFP Plus, zSFP+ |
| Type | N/A |
| UPC | 884982824454 |

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 | 143.704/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| 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 | 12 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[171224 Series](#)

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.5A |
| Shield Type | EMI Fingers |
| Shielded | Yes |
| Voltage - Maximum | 30V AC (RMS)/DC |

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|--------------------|
| Application Specification | AS-170071-0002-001 |
| Electrical Model Document | EE-170071-0001-001 |
| Packaging Specification | PK-170071-002-001 |
| Product Specification | PS-170071-0001-001 |
| S-Parameter Model | SP-170426-1000-001 |
| Sales Drawing | SD-171224-0002-001 |
| Test Summary | TS-170071-0001-001 |

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