

**Part Number :** 1717222061
**Product Description :** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Internal Heat Sinks
**Series Number :** 171722
**Status :** Active
**Product Category :** High-Speed I/O Connectors

## Documents and Resources

### Drawings

1717222061_sd.pdf

PK-171565-0001-001.pdf

EE-171081-3000-001.pdf

SI-171565-0001-001.pdf

### Specifications

AS-171565-0001-001.pdf

AS-171565-0002-001.pdf

PS-171565-0001-001.pdf

TS-171565-0001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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 | 171722 |
| Description | zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Internal Heat Sinks |
| Application | Board-to-Board, Module-to-Board, Wire-to-Board |
| Component Type | Receptacle |
| Product Name | zQSFP Plus,zQSFP+ |
| Type | Pluggable |
| UPC | 191128092838 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.5A |
| Data Rate | 28.0 Gbps |
| Grounding to Panel | Yes |
| Shield Type | EMI Fingers |

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| | |
|---|---|
| Voltage - Maximum | 30V AC (RMS)/DC |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 152 |
| Circuits (maximum) | 152 |
| Color - Resin | Black |
| Durability (mating cycles max) | 100 |
| Flammability | 94V-0 |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Net Weight | 57.831/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| Panel Mount | N/A |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| PC Tail Length | 1.20mm |
| Pitch - Mating Interface | 0.80mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 4 |
| 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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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
| --- | --- |
| QSFP Cable Assemlies | 74757 |

## Application Tooling

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