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**Part Number:** [171565-1002](#)  
**Status:** **Active**  
**Overview:** zQSFP+™ Interconnect System  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+™) Stacked Integrated 2-by-1 Connector and Cage with Elastomeric Gasket, Light Pipe Up / Down

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-171565-0002 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family I/O Connectors  
 Series [171565](#)  
 Application Board-to-Board, Module-to-Board, Wire-to-Board  
 Component Type Receptacle  
 Overview [zQSFP+™ Interconnect System](#)  
 Product Name ZXP® zQSFP+™  
 Type N/A  
 UPC 887191263656

**Physical**

Circuits (Loaded) 76  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Gender N/A  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 35.831/g  
 Number of Rows 2  
 Orientation Right Angle  
 PCB Retention Yes  
 Packaging Type Tray  
 Panel Mount N/A  
 Pitch - Mating Interface 0.80mm  
 Plating min - Mating 2.540µm  
 Plating min - Termination 0.762µm  
 Polarized to Mating Part N/A  
 Ports 2  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact .5A  
 Grounding to Panel Yes  
 Voltage - Maximum 30V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-171565-0002  
 Electrical Model Document EE-171208-0001



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

171565Series

S-Parameter Model  
Sales Drawing  
Signal Integrity Report  
Symbol/Footprint Data

SP-171208-0001  
SD-171565-2000  
SI-171208-0002  
SYM-171565-1001

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