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**Part Number:** [1715650002](#)  
**Status:** **Active**  
**Overview:**  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Up/Down Light Pipe

**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  
 Electrical Model Yes  
 Overview qsf\_p\_and\_zqsf\_p\_integrated\_product\_solutions  
 Product Name zQSFP Plus, zQSFP+  
 Type N/A  
 UPC 887191096490

**Physical**

Circuits (Loaded) 152  
 Circuits (maximum) 152  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 66.006/g  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 1.20mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Tray  
 Panel Mount N/A  
 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

**Electrical**

Current - Maximum per Contact 0.5A  
 Grounding to Panel Yes  
 Voltage - Maximum 30V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability N/A

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[171565](#) Series

**Mates With**

[74757](#) , [111040](#) QSFP+ Cable Assemblies,  
[74763](#) QSFP+ Loopback Adapter, [111114](#)  
 zQSFP+ Cable

## Material Info

### Reference - Drawing Numbers

Application Specification	AS-171565-0002-001
Electrical Model Document	EE-171081-3000-001
Packaging Specification	PK-171565-0001-001
Product Specification	PS-171565-0001-001
S-Parameter Model	SP-171081-3000-001
Sales Drawing	SD-171565-2000-001
Symbol/Footprint Data	SYM-171565-0001-001
Test Summary	TS-171565-0001-001

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