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**Part Number:** [1717221001](#)  
**Status:** **Active**  
**Overview:** zQSFP+® Interconnect System  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+™) Stacked Integrated 2-by-1, Connector and Cage with EMI Spring Finger, 76 Circuit, Gold (Au) Over Nickel Plated, No Light Pipe

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-171565-0001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-171565-0001 (PDF)</a>
<a href="#">Product Specification PS-171565-0001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-171565-0002 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">171722</a>
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">zQSFP+® Interconnect System</a>
Product Name	zQSFP+™
Type	N/A
UPC	887191235868

**Physical**

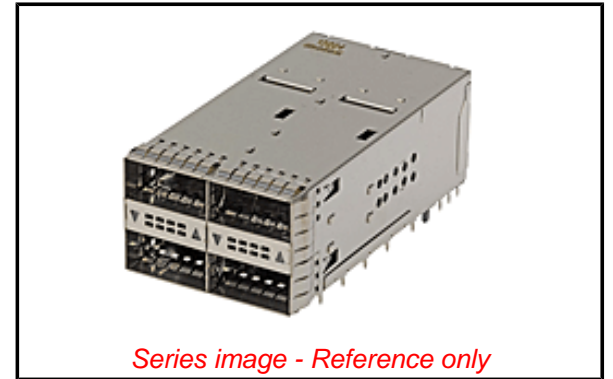
Circuits (Loaded)	76
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	N/A
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	33.623/g
Number of Rows	1
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	Surface Mount

**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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -ED/79/2015 (17 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[171722 Series](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

QSFP+ and zQSFP+ <a href="#">0622025300</a>	
Multi-Port Connector	
Tooling	
Multi-Port Connector <a href="#">0622030390</a>	
Extraction Tool	

## Material Info

### Reference - Drawing Numbers

Application Specification	AS-171565-0002
Electrical Model Document	EE-171565-0001
Packaging Specification	PK-171565-0001
Product Specification	PS-171565-0001
S-Parameter Model	SP-171565-0001
Sales Drawing	SD-171565-0005, SD-171722-2000
Signal Integrity Report	SI-171565-0001
Symbol/Footprint Data	SYM-171722-1000
Test Summary	TS-171565-0001

This document was generated on 06/10/2016

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