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**Part Number:** [1717221002](#)  
**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, Up/Down Light Pipe

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-171565-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-171565-0001 (PDF)</a>
<a href="#">Product Specification PS-171565-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-171565-0001-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

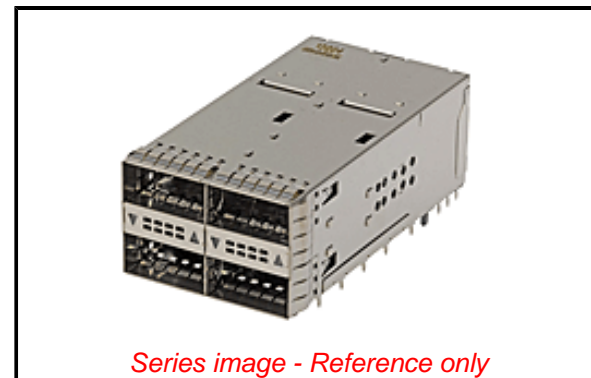
UL E29179

**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 Literature Order No	987650-5391
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	887191235875

**Physical**

Circuits (Loaded)	76
Circuits (maximum)	76
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	34.608/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	2
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[171722 Series](#)

**Mates With**

[QSFP Cable Assembly 74757](#)

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-171565-0002-001  
Electrical Model Document EE-171081-3000  
Packaging Specification PK-171565-0001  
Product Specification PS-171565-0001-001, TS-171565-0001-001  
S-Parameter Model SP-171081-3000  
Sales Drawing SD-171722-2000  
Signal Integrity Report SI-171565-0001  
Symbol/Footprint Data SYM-171722-1000

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