

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1717222002](#)  
**Status:** **Active**  
**Overview:** zQSFP+® Interconnect System  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2, Connector and Cage with EMI Spring Finger, 152 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-171565-0001-001 (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**

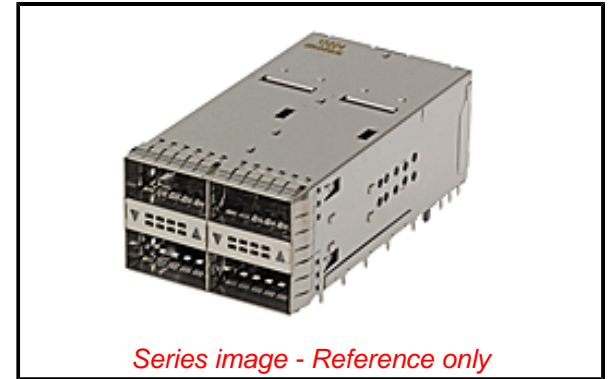
UL E29179

**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	887191261386

**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	64.193/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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**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**

[171722](#) Series

**Mates With**

QSFP Cable Assembly [74757](#)

**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 #
Extraction Tool for zQSFP+ 2-by-2 Cage Assembly	<a href="#">2001991430</a>
zQSFP+ Multi-Port Extraction Tool	<a href="#">622025220</a>
zQSFP+ Multi-Port Connector Tooling	<a href="#">622025260</a>
Insertion Tool for zQuad Small Form-factor Pluggable Plus (zQSFP+) Stacked	<a href="#">622030640</a>

Termination Interface: Style

Through Hole - Compliant Pin

Integrated 2-by-2  
Cage Assembly

**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-171565-0001-001

Product Specification

PS-171565-0001-001, TS-171565-0001-001

S-Parameter Model

SP-171081-3000

Sales Drawing

SD-171722-2000-001

Signal Integrity Report

SI-171565-0001

Symbol/Footprint Data

SYM-171722-2000

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