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**Part Number:** [1717223062](#)  
**Status:** **Active**  
**Overview:** zQSFP+® Interconnect System  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-3 Connector and Cage with Metal Spring Fingers, Gold (Au) Over Nickel Plated, with Internal Heat Sinks, Open Top

**Documents:**

<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>
<a href="#">Application Specification AS-171565-0002-001 (PDF)</a>	

**General**

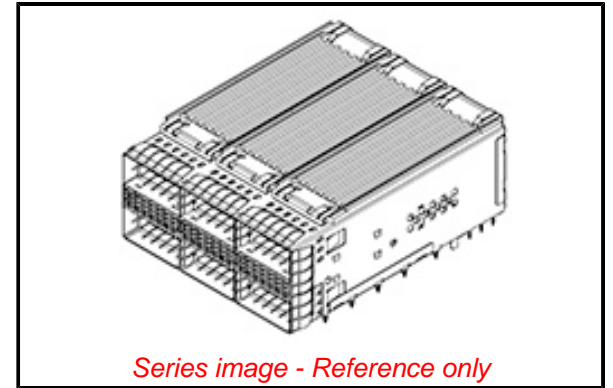
Product Family	I/O Connectors
Series	<a href="#">171722</a>
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">zQSFP+® Interconnect System</a>
Product Literature Order No	987650-5391
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	191128092852

**Physical**

Circuits (Loaded)	228
Circuits (maximum)	228
Color - Resin	Black
Durability (mating cycles max)	100
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	Liquid Crystal Polymer
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	6
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes



**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**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	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**

[171722](#) Series

**Mates With**

QSFP Cable Assembly [74757](#)

**Use With**

zQSFP+ Heat Sink [170328-5108](#) ,  
[170328-5109](#) <br>zQSFP+ Heat Sink Clip  
[170328-1500](#)

Shield Type  
Voltage - Maximum

EMI Fingers  
30V AC (RMS)/DC

**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
Sales Drawing	SD-171722-0062
Signal Integrity Report	SI-171565-0001

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