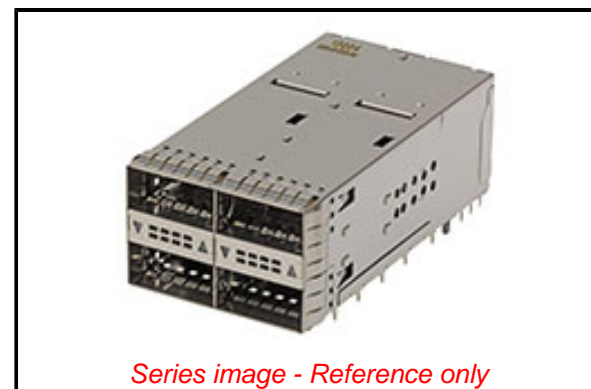


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1717222101](#)  
**Status:** **Active**  
**Overview:** zQSFP+ and QSFP+ Integrated Product Solutions  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-171565-0001-001 (PDF)</a>
<a href="#">Product Specification PS-171565-0001-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification AS-171565-0002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification PK-171565-0001-001 (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
Data Rate	28.0 Gbps
Electrical Model	Yes
Overview	<a href="#">zQSFP+ and QSFP+ Integrated Product Solutions</a>
Product Name	zQSFP Plus, zQSFP+
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	887191735368

**Physical**

Circuits (Loaded)	152
Circuits (maximum)	152
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	High Temperature Thermoplastic
Net Weight	62.211/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
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	0.5A
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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](#)

Grounding to Panel	Yes
Shield Type	EMI Gasket
Voltage - Maximum	30V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**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-171722-2100-001
Test Summary	TS-171565-0001-001

This document was generated on 08/27/2022

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