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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 Metal EMI Gasket, 152 Circuit, Gold (Au) Over Nickel Plated, Up/Down Light Pipe Indicators

Documents:

Drawing (PDF)	Packaging Specification PK-171565-0001-001 (PDF)
3D Model	Test Summary TS-171565-0001-001 (PDF)
Product Specification PS-171565-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-171565-0002-001 (PDF)	Product Literature (PDF)

Agency Certification

UL E29179

General

Product Family	I/O Connectors
Series	171722
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	zQSFP+® Interconnect System
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/71/2019 (16 July
2019)

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	2001991430
Extraction Tool zQSFP+ Multi-Port Connector Tooling	622025220
Insertion Tool for zQuad Small Form-factor Pluggable Plus (zQSFP+) Stacked	622025260
	622030640

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-freeProcess 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	
S-Parameter Model	SP-171081-3000	
Sales Drawing	SD-171722-2000-001	
Signal Integrity Report	SI-171565-0001	
Symbol/Footprint Data	SYM-171722-2000	
Test Summary	TS-171565-0001-001	

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