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Part Number:

1715650002

Status:

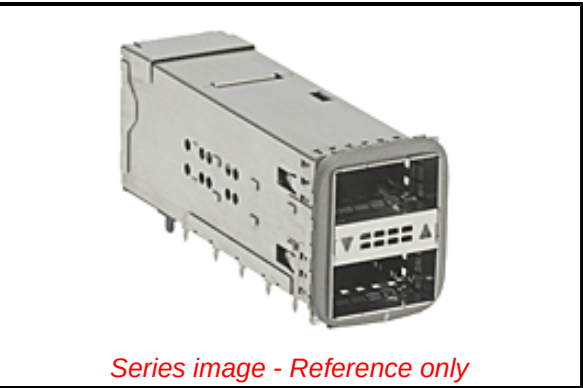
Active

Overview:

zQSFP+® Interconnect System

Description:

zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Up/Down Light Pipe



Series image - Reference only

Documents:	
3D Model	Packaging Specification PK-171565-0001-001 (PDF)
Drawing (PDF)	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	171565
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	887191096490
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	66.006/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
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

171565 Series

Mates With

74757 , 111040 QSFP+ Cable Assemblies, 74763 QSFP+ Loopback Adapter, 111114 zQSFP+ Cable

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
zQSFP+ Multi-Port Extraction Tool	622025220
zQSFP+ Multi-Port Connector Tooling	622025260

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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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-171565-2000-001
Signal Integrity Report	SI-171565-0001
Symbol/Footprint Data	SYM-171565-0001
Test Summary	TS-171565-0001-001

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