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Part Number: [1715650003](#)
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, Down/Up Light Pipe

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

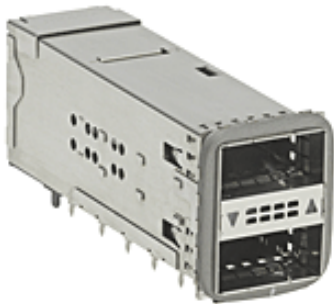
UL E29179

General

Product Family I/O Connectors
Series [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 887191123837

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



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

[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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