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Part Number: [1715653003](#)
Status: **Active**
Overview: zQSFP+ and QSFP+ Integrated Product Solutions
Description: zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-3 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Down/Up Light Pipe

Documents:

3D Model	Packaging Specification PK-171565-0001-001 (PDF)
3D Model (PDF)	Test Summary TS-171565-0001-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-171565-0001-001 (PDF)	Symbol Footprint Data SYM-171565-3001-001 (PDF)
Application Specification AS-171565-0002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

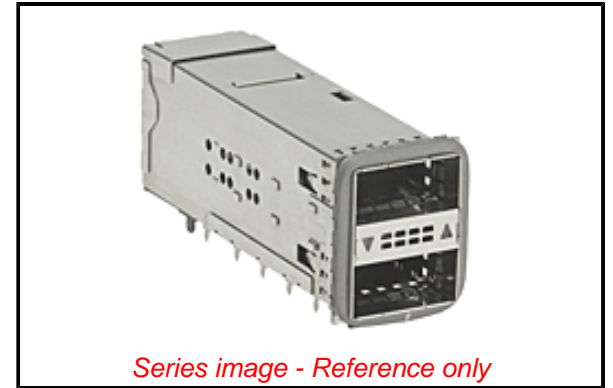
UL E29179

General

Product Family	I/O Connectors
Series	171565
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Data Rate	28.0 Gbps
Electrical Model	Yes
Overview	zQSFP+ and QSFP+ Integrated Product Solutions
Product Name	zQSFP Plus, zQSFP+
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	887191264370

Physical

Circuits (Loaded)	228
Circuits (maximum)	228
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	96.028/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	6



Series image - Reference only

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

[171565 Series](#)

Mates With

[74757](#) , [111040](#) QSFP+ Cable Assemblies,
[74763](#) QSFP+ Loopback Adapter, [111114](#)
zQSFP+ Cable

Temperature Range - Operating -40° to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

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

Solder Process Data

Lead-free Process Capability N/A

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-171565-2000-001
Symbol/Footprint Data SYM-171565-3001-001
Test Summary TS-171565-0001-001

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