



Part Number : 1717221061

Product Description : zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-1 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Internal Heat Sinks

Series Number : 171722

Product Category : High-Speed I/O Connectors

Status : Active

Documents & Resources

Drawings

- Drawing 1717221061_sd.pdf
- Packaging Design Drawing PK-171565-0001-001.pdf

3D Models and Design Files

- Electrical Model Document EE-171081-3000-001.pdf
- Signal Integrity Report SI-171565-0001-001.pdf

Specifications

- Application Specification AS-171565-0001-001.pdf
- Application Specification AS-171565-0002-001.pdf
- Product Specification PS-171565-0001-001.pdf
- Test Summary TS-171565-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	171722
Description	zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-1 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Internal Heat Sinks
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Product Family	zQSFP+ and QSFP+ Integrated Product Solutions
Product Name	zQSFP Plus,zQSFP+
Type	Pluggable
UPC	191128092821

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.5A
Data Rate	28.0 Gbps
Grounding to Panel	Yes
Shield Type	EMI Fingers
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	76
Circuits (maximum)	76
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	Liquid Crystal Polymer
Net Weight	30.650/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	N/A
PC Tail Length	1.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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	2
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
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