



Part Number : [1717222101](#)
Product Description : zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated
Series Number : 171722
Status : Active
Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

- [1717222101 sd.pdf](#)
- [PK-171565-0001-001.pdf](#)
- [EE-171081-3000-001.pdf](#)
- [SP-171081-3000-001.zip](#)

Specifications

- [AS-171565-0002-001.pdf](#)
- [PS-171565-0001-001.pdf](#)
- [TS-171565-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Product Name	zQSFP Plus,zQSFP+
Type	Pluggable
UPC	887191735368

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 Gasket
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	152
Circuits (maximum)	152
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Keying to Mating Part	No
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	62.211/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	N/A
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	1.20mm
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

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
QSFP Cable Assemblies	<u>74757</u>

Application Tooling

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