Part Number : 2157723105

Product Description : zQuad Small Form Factor Pluggable Plus (zQSFP+) 56G Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Top Heat Sink

Series Number : 215772

Status : Active

Product Category : High-Speed I/O Connectors

Documents & Resources

Drawings

Drawing_2157723105_sd.pdf
Application Tooling Drawing_2002142338-000.pdf

3D Models and Design Files

Application Tooling Model_2002142338-000.zip
Electrical Model Document_2163440001-000.pdf
S-Parameter Model_2163440001-000.zip

Specifications

Application Specification_AS-171565-0002-001.pdf

Tooling Specifications

Application Tooling Specification_2002142338-000.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(2023)3788-DC (14 Jun 2023)
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	215772
Description	zQuad Small Form Factor Pluggable Plus (zQSFP+) 56G Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Top Heat Sink
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	195842166417

Electrical

Current - Maximum per Contact	2.1A
Data Rate	56.0 Gbps
Grounding to Panel	Yes
Shield Type	EMI Fingers
Voltage - Maximum	29.9V DC

Physical

Circuits (Loaded)	152
Circuits (maximum)	152

Color - Resin	Black
Durability (mating cycles max)	100
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	75.170/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	Yes
PC Tail Length	1.23mm
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	4
Temperature Range - Operating	-25° to +65°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
QSFP Cable Assemlies	74757