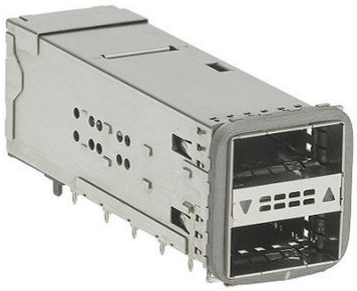
Part Number : 1715653003
Product Description : zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-3 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Down/Up Light Pipe
Series Number : 171565
Status : Active
Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

1715653003_sd.pdf

PK-171565-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

SYM-171565-3001-001.zip

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

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REACH SVHC	Contains Perfluorobutane sulfonic acid (PFBS) and its salts; Dodecamethylcyclohexasiloxane; Octamethylcyclotetrasiloxane per D(2025)7771-DC (04 Feb 2026)
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	171565
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
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Product Name	zQSFP Plus,zQSFP+
Type	Pluggable
UPC	887191264370

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Agency

UL	E29179

Electrical

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

Physical

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

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Ports	6
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
QSFP+-to-QSFP+ Cable Assemblies	111040
QSFP Cable Assemlies	74757
QSFP+ Universal Loopback Adapters	74763

Application Tooling

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