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Part Number: [1715653003](#)
Status: **Active**
Overview: [zQSFP+™ Interconnect System](#)
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:

Drawing (PDF)	Test Summary TS-171565-0001 (PDF)
Product Specification PS-171565-0001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-171565-0002 (PDF)	

Agency Certification

UL	E29179
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General

Product Family	I/O Connectors
Series	171565
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	zQSFP+™ Interconnect System
Product Name	zQSFP+™
Type	N/A
UPC	887191264370

Physical

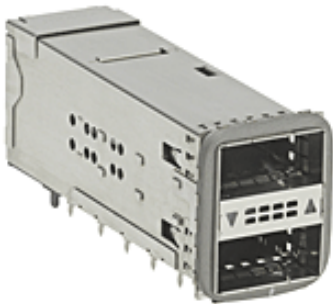
Circuits (Loaded)	230
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	N/A
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	96.028/g
Number of Rows	2
Orientation	Right Angle
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface	0.80mm
Plating min - Mating	2.540µm
Plating min - Termination	0.762µm
Polarized to Mating Part	N/A
Ports	6
Termination Interface: Style	Through Hole

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[171565](#) Series

Mates With

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-171565-0002
Electrical Model Document	EE-171565-0001
Product Specification	PS-171565-0001
S-Parameter Model	SP-171565-0001
Sales Drawing	SD-171565-2000
Signal Integrity Report	SI-171565-0001
Symbol/Footprint Data	SYM-171565-3001
Test Summary	TS-171565-0001

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