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Part Number:

1715650002

Status:

Active

Overview:

zQSFP+™ Interconnect System

Description:

zQuad Small Form Factor Pluggable Plus (zQSFP+™) Stacked Integrated 2-by-2 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Up/Down Light Pipe



Documents:

Drawing (PDF)

Product Specification PS-171565-0001 (PDF)

Application Specification AS-171565-0002 (PDF)

Test Summary TS-171565-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
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		887191096490
Physical		
Circuits (Loaded)		152
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		66.006/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		4
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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Not 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

Green Image

ELV

Not Relevant

Search Parts in this Series

171565 Series

Mates With

74757 , 111040 QSFP+ Cable Assemblies, 74763 QSFP+ Loopback Adapter, 111114 zQSFP+ Cable

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

zQSFP+ Multi-Port Connector Tooling

Product #

0622025260

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-171565-0001
Test Summary	TS-171565-0001

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