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Part Number: [1715650003](#)
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, Down/Up Light Pipe

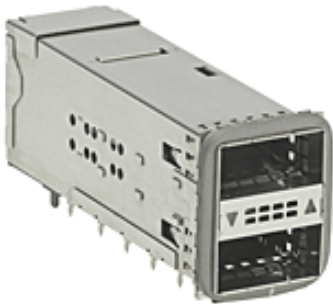
Documents:
[3D Model](#) [Application Specification AS-171565-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-171565-0001 \(PDF\)](#)
[Product Specification PS-171565-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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		887191123837

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



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 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

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	Product #
zQSFP+ Multi-Port Connector Tooling	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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