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Part Number:

1717221002

Status:

Active

Overview:

zQSFP+® Interconnect System

Description:

zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-1 Connector and Cage with Metal EMI Gasket, 76 Circuit, Gold (Au) Over Nickel Plated, Up/Down Light Pipe Indicators

Documents:

Drawing (PDF)

3D Model

Product Specification PS-171565-0001-001 (PDF)

Application Specification AS-171565-0002-001 (PDF)

Packaging Specification PK-171565-0001-001 (PDF)

Test Summary TS-171565-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification	
UL	E29179
General	
Product Family	I/O Connectors
Series	171722
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	zQSFP+® Interconnect System
Product Literature Order No	987650-5391
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	887191235875
Physical	
Circuits (Loaded)	76
Circuits (maximum)	76
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
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	High Temperature Thermoplastic
Net Weight	34.608/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	N/A
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	2
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171722 Series

Mates With

QSFP Cable Assembly 74757

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	622025240
QSFP+ and zQSFP+ Multi-Port Connector Tooling	622025300
Multi-Port Connector Extraction Tool	622030390
Insertion Tool for zQuad Small Form-factor Pluggable Plus (zQSFP+) Cage	622030630

Termination Interface: Style	Through Hole - Compliant Pin	Assembly, 2-by-1 Multi-Port Connector
Electrical		
Current - Maximum per Contact	0.5A	
Grounding to Panel	Yes	
Shield Type	EMI Fingers	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-171565-0002-001	
Electrical Model Document	EE-171081-3000	
Packaging Specification	PK-171565-0001-001	
Product Specification	PS-171565-0001-001	
S-Parameter Model	SP-171081-3000	
Sales Drawing	SD-171722-2000-001	
Signal Integrity Report	SI-171565-0001	
Symbol/Footprint Data	SYM-171722-1000	
Test Summary	TS-171565-0001-001	

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