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**Part Number:** [1704320001](#)  
**Status:** **Active**  
**Overview:** zQSFP+ and QSFP+ Integrated Product Solutions  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Assembly, Surface Mount, 38 Circuits, Gold (Au) Plated 0.381µm, Supports QSFP28 / EDR

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 1704320001-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-170432-0004-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-170432-002-001 (PDF)</a>
<a href="#">Product Specification PS-170432-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-170432-0002-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">170432</a>
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Comments	QSFP28 / EDR
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">zQSFP+ and QSFP+ Integrated Product Solutions</a>
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	884982584310

**Physical**

Circuits (Loaded)	38
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Gender	N/A
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	2.037/g
Number of Rows	1
Orientation	Right Angle
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.381µm
Polarized to Mating Part	N/A
Ports	1
Termination Interface: Style	Surface Mount

**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability N/A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[170432](#) Series

**Mates With**

[100297](#) zQSFP+ Cable Assemblies, [111040](#) QSFP+ Cable Assemblies, [74763](#) QSFP+ Loopback Adapter

**Use With**

[111118](#) , [100014](#) zQSFP+ Cage Assemblies

## Material Info

### Reference - Drawing Numbers

Application Specification	AS-170432-0002-001
Electrical Model Document	1704320004-000, EE-170432-0004-001
Packaging Specification	1704320001-PK-000
Product Specification	PS-170432-001-001
S-Parameter Model	SP-170432-0004-001
Sales Drawing	SD-170432-002-001
Symbol/Footprint Data	SYM-170432-002-001
Test Summary	TS-170432-0004-001

This document was generated on 10/05/2021

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