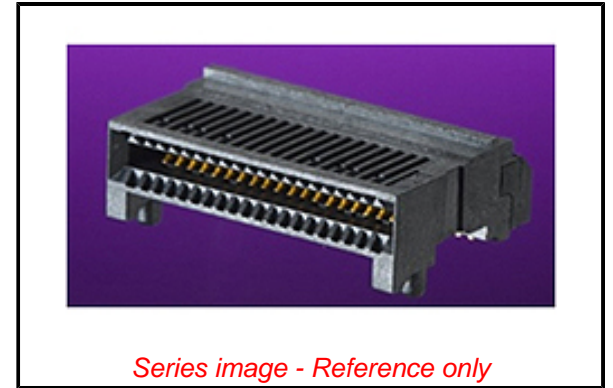


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**Part Number:** [1704320001](#)  
**Status:** **Active**  
**Overview:** High-Speed Pluggable I/O Solutions  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Assembly, Surface Mount, 38 Circuit, Gold (Au) Plated 0.381µmm, Supports QSFP28 / EDR

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170432-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-170432-900 (PDF)</a>
<a href="#">Product Specification PS-170432-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-170432-0004-001 (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="#">High-Speed Pluggable I/O 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 over Nickel
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	2
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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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	EE-170432-0004
Packaging Specification	PK-170432-900
Product Specification	PS-170432-001-001, TS-170432-0004-001
S-Parameter Model	SP-170432-0004
Sales Drawing	SD-170432-002
Symbol/Footprint Data	SYM-170432-002

This document was generated on 11/17/2017

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