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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 Circuits, Gold (Au) Plated 0.381µm, Supports QSFP28 / EDR

Documents:

3D Model	Application Specification AS-170432-0002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-170432-900 (PDF)
Product Specification PS-170432-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification TS-170432-0004-001 (PDF)	

Agency Certification

UL E29179

General

Product Family	I/O Connectors
Series	170432
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Comments	QSFP28 / EDR
Component Type	Receptacle
Electrical Model	Yes
Overview	High-Speed Pluggable I/O Solutions
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	884982584310

Physical

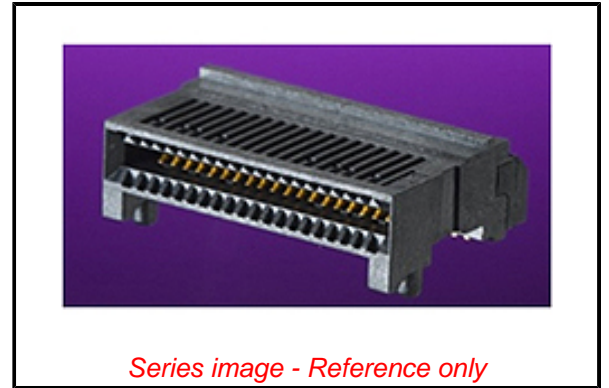
Circuits (Loaded)	38
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Gender	N/A
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	2.037/g
Number 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	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
-ED/01/2018 (15
January 2018)

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	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

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