

#### zQSFP+/QSFP28

TE Internal #: 2308171-9

zQSFP+, Cage Assembly with Integrated Connector, .8mm [.032in]

Centerline, Signal, Operating Temperature Range -40 – 85 °C [-40 –

185 °F]

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Connectors > Pluggable IO Connectors & Cages











Form Factor: **zQSFP+** 

Pluggable I/O Product Type: Cage Assembly with Integrated Connector

Centerline (Pitch): .8 mm [ .032 in ]

Sealable: No

Circuit Application: Signal

### **Features**

### **Product Type Features**

Cage Type	Stacked
Form Factor	zQSFP+
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No

### **Configuration Features**

Number of Rear EONs per Port Column	0
Number of Positions	152
Number of Ports	4
Port Matrix Configuration	2 x 2

#### **Contact Features**

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	30 μm[.76 μin]



#### **Termination Features**

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2 mm[.079 in]

### **Housing Features**

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.032 in]

#### **Dimensions**

PCB Thickness (Recommended)	3 mm[.118 in]

# **Usage Conditions**

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

# Operation/Application

Pluggable I/O Applications	QSFP28
Heat Sink Compatible	No
Circuit Application	Signal

# **Industry Standards**

UL Flammability Rating	UL 94V-0
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# **Packaging Features**

Packaging Method	Box & Tray	
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### Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

# **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900



ppm per homogenous material. Also BFR /CFR/PVC Free

#### Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# Compatible Parts



# Also in the Series | zQSFP+/QSFP28









QSFP, QSFP+ & zQSPF+(424)

# Customers Also Bought





TE Part #2356208-1 CAGE ASSEMBLY W/ LP HS ,SFP-DD 1X4, STD



TE Part #6600330-4 MBXL VERT HDR 1P+24S+1P



TE Part #1-1123309-4
DYNAMIC D-5 HDR H ASSY 4P XX Ag

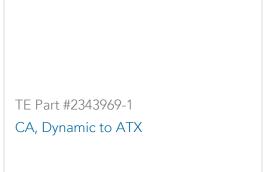
TE Part #2016623-6 RF CA,1.0-2.3 BULKHEAD TO UMCC GEN1,1.37

TE Part #2016623-7 RF CA,1.0-2.3 BKD TO UMCC GEN1, 1.37 BK

TE Part #2334543-3 MBPULS,BOARD SIDE



TE Part #2016623-5 RF CA,1.0-2.3 TO UMCC WITH 1.37, L265MM



TE Part #2403816-6 CAGE ASSY, QSFP -DD 1X1, CUST HS

TE Part #2466044-1 FEMALE GUIDE MODULE, TETON2 (CUSTOMER)

### **Documents**

**CAD Files** 

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2308171-9\_A1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2308171-9\_A1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2308171-9\_A1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

**Product Specifications** 

**Application Specification** 

English