

2293961-1 ✓ ACTIVE



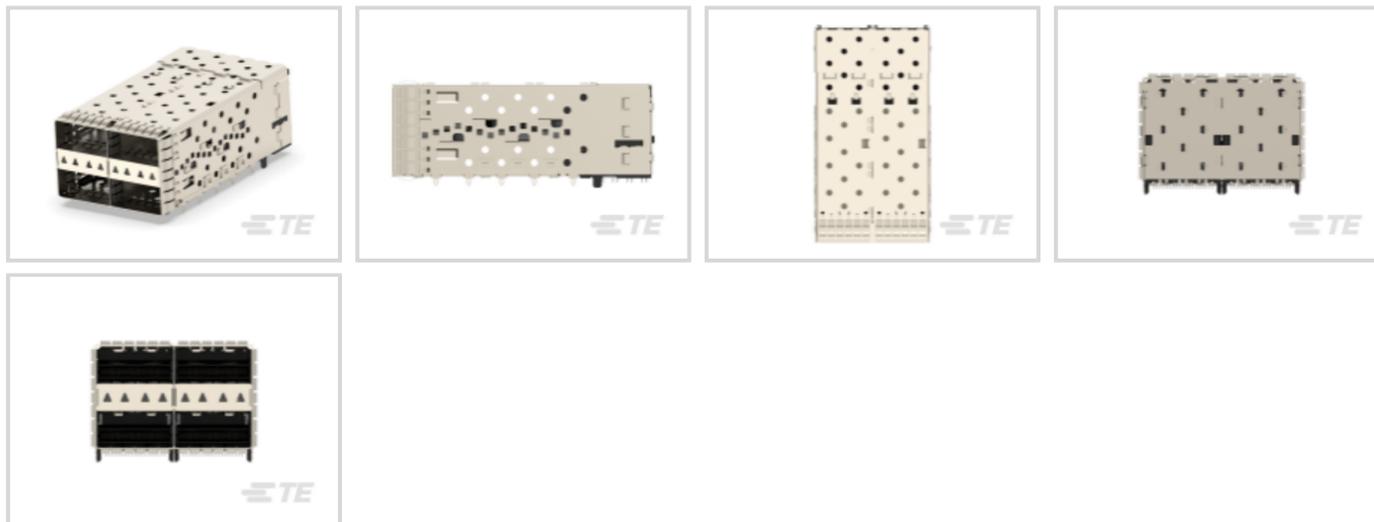
zQSFP+/QSFP28

TE Internal #: 2293961-1

QSFP, QSFP+ & zQSFP+, Cage Assembly with Integrated Connector, 2 x 2, EMI Springs, Included Lightpipe, Data Rate (Max) 10 Gb/s, 4 Port, zQSFP+/QSFP28

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > QSFP, QSFP+ & zQSFP+



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

Port Matrix Configuration: **2 x 2**

EMI Containment Feature Type: **EMI Springs**

Included Lightpipe: **Yes**

Data Rate (Max): **10 Gb/s**

Features

Product Type Features

Form Factor	QSFP+
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 2
Number of Ports	4
Lightpipe Configuration	All Four Up
Number of Positions	152

Electrical Characteristics

Data Rate (Max)	10 Gb/s
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Contact Features



Contact Current Rating (Max)	.5 A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Stainless Steel
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Centerline (Pitch)	.8 mm[.031 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Other

EMI Containment Feature Type	EMI Springs
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Included Lightpipe	Yes
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2016 (169) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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



Documents

Product Drawings

2X2 QSFP+ SPRING CAGE AND CONNECTOR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2293961-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2293961-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2293961-1_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification



English

[Application Specification](#)

English