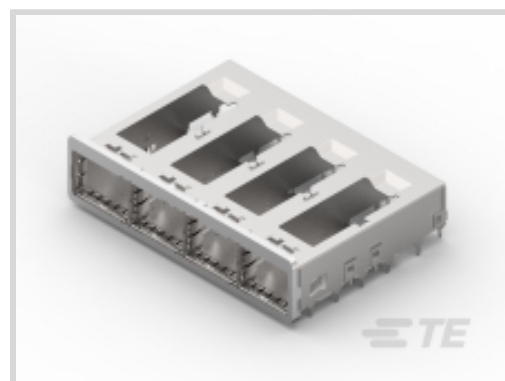**zQSFP+/QSFP28**

TE Internal #: 2227250-1

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Customer Applied Gasket,
Standard, 4 Port, 1 Rear EONs per Port Column, Cable-to-Board,
zQSFP+/QSFP28

View on TE.com >

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

Pluggable I/O Product Type: **Cage**

Port Matrix Configuration: **1 x 4**

EMI Containment Feature Type: **Customer Applied Gasket**

Included Lightpipe: **No**

Enhancements: **Standard**

Features

Product Type Features

Form Factor	QSFP28/56
Cage Type	Ganged
Pluggable I/O Product Type	Cage
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 4
Number of Ports	4
Number of Rear EONs per Port Column	1

Contact Features

PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	2.2 mm[.086 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount

2227250-1

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Customer Applied Gasket, Standard, 4 Port, 1
Rear EONs per Port Column, Cable-to-Board, zQSFP+/QSFP28

Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 in]

Operation/Application

Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	QSFP Cable Assembly, QSFP MSA Compatible Transceiver
Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray

Other

EMI Containment Feature Type	Customer Applied Gasket
Included Lightpipe	No
Enhancements	Standard

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

2227250-1

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Customer Applied Gasket, Standard, 4 Port, 1 Rear EONs per Port Column, Cable-to-Board, zQSFP+/QSFP28

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

TE Part # CAT-C11-Z806726
QSFP28 to QSFP28 Cable Assembly: 30 AWG

TE Part # CAT-C11-N49
QSFP28-Two QSFP28 Cable Assembly: 30 AWG

TE Part # CAT-C11-Z8
QSFP28 to QSFP28 Cable Assembly: 26 AWG

TE Part # CAT-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG

TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG

TE Part # CAT-Q17-N490325
QSFP56 to QSFP56 Cable Assembly: 30 AWG

TE Part # CAT-Q17-N49033
QSFP56-Two QSFP56 Cable Assembly: 30 AWG

TE Part # CAT-C11-Q17
QSFP56 to QSFP56 Cable Assembly: 26 AWG

TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

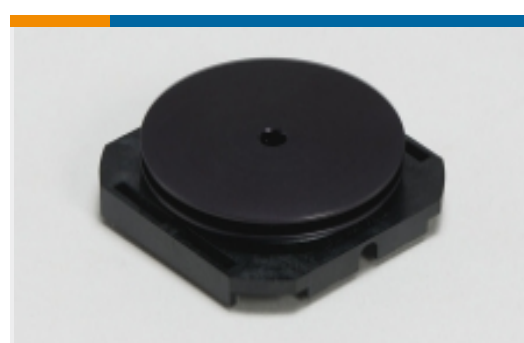TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG

TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP

TE Part # 1551920-2
zQSFP+ connector assembly

Also in the Series | zQSFP+/QSFP28

Heat Sinks(1)

Pluggable I/O Cable Assemblies(81)

QSFP, QSFP+ & zQSPF+(425)

Customers Also Bought

2227250-1

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Customer Applied Gasket, Standard, 4 Port, 1
Rear EONs per Port Column, Cable-to-Board, zQSFP+/QSFP28

TE Part #2309409-1
DDR4 SODIMM 260P 5.2H STD

TE Part #2227249-2
1x4 Cage Assy Bhnd Bzl QSFP28

Documents

Product Drawings

1x4 Cage Assy, Bhnd Bezel, QSFP28

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227250-1_A_c-2227250-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227250-1_A_c-2227250-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227250-1_A_c-2227250-1-a.3d_stp.zip

English

Datasheets & Catalog Pages

QSFP28/56 and zQSFP+ Interconnects

English

Product Specifications

Application Specification

English