2227104-1 ✔ ACTIVE

zQSFP+/QSFP28

TE Internal #: 2227104-1

QSFP28/56, Cage, Signal, 2 Ports, Port Matrix Configuration 1 x 2, Customer Applied Gasket

View on TE.com >

Connectors > Pluggable IO Connectors & Cages

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

Sealable: **No**

Circuit Application: **Signal**

Number of Ports: **2**

Port Matrix Configuration: **1 x 2**

Features

Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage
Sealable	No
Form Factor	QSFP28/56

Configuration Features

Number of Rear EONs per Port Column	1
Number of Ports	2
Port Matrix Configuration	1 x 2

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

Housing Features

Cage Material	Nickel Silver

Dimensions

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

Operation/Application

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Heat Sink Compatible	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray

Other

Included Lightpipe	No
EMI Containment Feature Type	Customer Applied Gasket

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	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

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

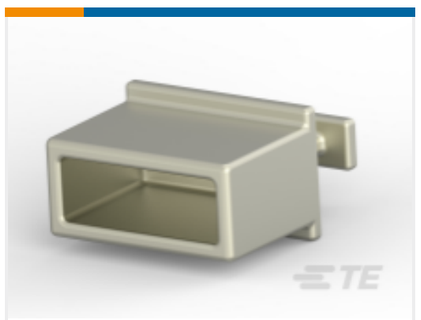
TE Part # CAT-Q17-N490325
QSFP56 to QSFP56 Cable Assembly: 30 AWG

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

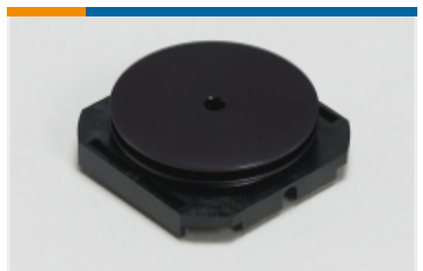


TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP

TE Part # 1551920-2
zQSFP+ connector assembly

TE Part # 2215091-1
ASSY, STING TL KIT QSFP28, 1X2

Also in the Series | zQSFP+/QSFP28



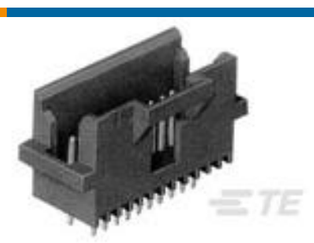
Heat Sinks(7)

Pluggable I/O Cable Assemblies(78)

Pluggable IO Connectors & Cages(424)

Customers Also Bought

TE Part # 3-1879233-9
SMW5 3R9 5%



TE Part # 5-104666-3
40 SYSTEM 50 HDR DRST SHRD SN

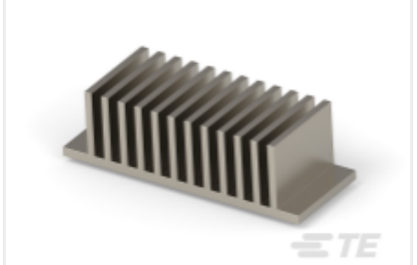
TE Part # 6368062-4
2X4 OFFSET STK MJ,SHLD,G/Y LED&GND

TE Part # 2170703-6
CAGE ASSEMBLY, QSFP28 1X1, SPRING

TE Part # 7-2176093-7
RP 2A 0.25W 64K9 0.1% 25PPM 1K RL

TE Part # 2173234-1
Heat Sink Clip zQSFP+

TE Part # 2359845-3
CAGE ASSY W/ HS,SFP-DD 1X1, GENERAL



TE Part # 2170394-4
QSFP HEAT SINK,13.5MM TALL, NICKEL PLATIN

TE Part # 2110820-8
SFP+ assy 2x2 Spring Fingers No Lp Sn

Documents

Product Drawings

1X2 CAGE ASSY, BHND BEZEL, QSFP28

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227104-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227104-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227104-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

QSFP28/56 and zQSFP+ Interconnects

English

Product Specifications

Application Specification

English