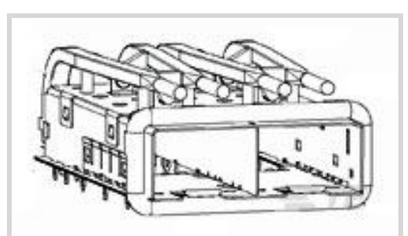
2227727-1 ✔ ACTIVE

TE Internal #: 2227727-1

zSFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 28 Gb/s, 2 Ports

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > zSFP+ Cage Assembly: EMI Springs



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

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Data Rate (Max): **28 Gb/s**

All zSFP+ Cage Assembly: EMI Springs (24)

Features

Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	zSFP+

Configuration Features

Lightpipe Style	Standard
Number of Ports	2
Port Matrix Configuration	1 x 2

Electrical Characteristics

Data Rate (Max)	28 Gb/s

Termination Features

Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to PCB	Through Hole - Press-Fit

Housing Features

Cage Material	Nickel Silver Alloy

Dimensions

PCB Thickness (Recommended)	2.25 mm

Usage Conditions

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

Operation/Application

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

Packaging Features

Packaging Method	Tray

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: JUNE 2024 (241) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG

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

TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG

TE Part # CAT-C11-N49011
SFP28 to SFP28 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 # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG

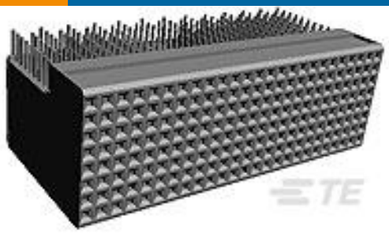
TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-C11-N490111
SFP28 to SFP28 Cable Assembly: 28 AWG

TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG

TE Part # 2215070-5
ASSY, SEATING TOOL, 1 X 2

Customers Also Bought



TE Part #5646487-1
2MM HM,ASY,T-E,REC,W/SHEILD

TE Part #4-1622825-1
RL73K 3A R10 5% 4K RL

TE Part #4-1879378-1
TLR 2512 2.0W R0025 1% 150PPM 2K RL

TE Part #1410186-1
MULTIGIG RT T2 .8" BP H-LFT

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

TE Part #292336-1
Std USB Type A, Flag, T/H

TE Part #2170088-1
ZSFP+ Connector,30u"

TE Part #1551920-2
zQSFP+ connector assembly

TE Part #1747981-1
Std HDMI, RA, SMT

TE Part #2302796-1
RAPLUGASSY,LEFTEND,HALF,RTM, VPX,MGRT3

Documents

Product Drawings

zSFP+ 1x2 Cage Assy, Press-Fit, LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227727-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227727-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227727-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

zSFP+ Interconnect Brochure

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English