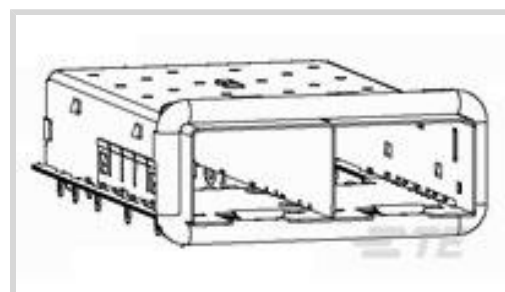




TE Internal #: 2198720-1  
 SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 28 Gb/s,  
 Elastomeric Gasket, EMI Enhanced, Port Matrix Configuration 1 x 2,  
 None

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP/SFP+/zSFP+ > zSFP+ Cage Assembly: Elastomeric Gasket



Pluggable I/O Product Type: **Cage Assembly**  
 Data Rate (Max): **28 Gb/s**  
 EMI Containment Feature Type: **Elastomeric Gasket**  
 Pluggable I/O Applications: **EMI Enhanced**  
 Included Lightpipe: **No**

[All zSFP+ Cage Assembly: Elastomeric Gasket \(8\)](#)

## Features

### Product Type Features

Form Factor	zSFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Integrated Lightpipes	No
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Port Matrix Configuration	1 x 2
Lightpipe Configuration	None
Number of Ports	2

### Electrical Characteristics

Data Rate (Max)	28 Gb/s
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
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Connector Mounting Type

Board Mount

### Housing Features

Cage Material

Nickel Silver Alloy

### Dimensions

Tail Length

2.05 mm[.081 in]

PCB Thickness (Recommended)

3 mm[.118 in]

### Usage Conditions

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

### Operation/Application

Heat Sink Compatible

No

For Use With Pluggable I/O Products

zSFP+ SMT Connector

Pluggable I/O Applications

EMI Enhanced

Circuit Application

Signal

### Packaging Features

Packaging Method

Tray

### Other

EMI Containment Feature Type

Elastomeric Gasket

Included Lightpipe

No

### 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 2021 (211)  
 Candidate List Declared Against: DEC 2014 (161)  
 SVHC > Threshold:  
 Not Yet Reviewed

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### 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 # CAT-C11-N4901142  
SFP28 to SFP28 Cable Assembly: 32 AWG



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 # CAT-C11-G28037  
SFP56 to SFP56 Cable Assembly: 30 AWG



TE Part # CAT-C11-G28  
SFP56 to SFP56 Cable Assembly: 26 AWG



TE Part # 2821262-1  
SFP28 DIRECT ATTACH CA, 0.5M, 33AWG



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 # 2215061-2  
ASSY, SEATING TL, ZSFP+ 1 X 2



TE Part # 2821262-2  
SFP28 DIRECT ATTACH CA, 1.0M,  
33AWG



TE Part # 2821262-3  
SFP28 DIRECT ATTACH CA, 1.5M,  
33AWG



TE Part # 2821262-4  
SFP28 DIRECT ATTACH CA, 2.0M,  
33AWG

## Customers Also Bought



TE Part #2198722-1  
zSFP+ Cage Assembly: Elastomeric  
Gasket



TE Part #1-5179030-4  
Free Height Plug Connector: Board-  
Board, Vertical, 100, 0.8mm



TE Part #1-636120-6  
Hard Metric Male Connector:  
Traditional Backplane, Mezzanine,  
2mm



TE Part #2170754-3  
CAGE ASSY, QSFP28 1X1, GASKET,  
HS, LP



TE Part #2102061-7  
Mezalok, Socket, 114 p, 12 mm, 30 Au,  
TL



TE Part #YDTS20W13-35PAC001  
D38999: Square Flange, 13-35 insert



TE Part #2170024-1  
1x4 QSFP Cage Subassy, Thru Bezel



TE Part #147377-7  
80 SYS50 SMT HDR DR SHD W/O HD



TE Part #147378-7  
80 SYS50 SMT RCP DR SHD W/O HD



TE Part #5-641209-4  
24P MTA156 HDR ASSY FL ST LF

## Documents

### Product Drawings

[zSFP+ 1x2 Cage Assembly, Press-Fit](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2198720-1\\_B.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2198720-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2198720-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[zSFP+ Interconnect Brochure](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English