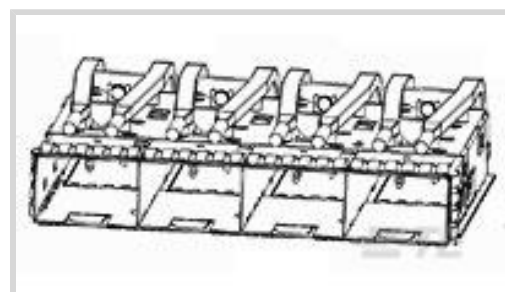




TE Internal #: 2227729-1  
 SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 28 Gb/s,  
 Internal/External EMI Springs, EMI Enhanced, With Lightpipe, 1 x 4,  
 Dual Round, Standard

[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage Assembly**  
 Data Rate (Max): **28 Gb/s**  
 EMI Containment Feature Type: **Internal/External EMI Springs**  
 Pluggable I/O Applications: **EMI Enhanced**  
 Lightpipe Options: **With Lightpipe**

[All zSFP+ Cage Assembly: EMI Springs \(25\)](#)

## Features

### Product Type Features

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

### Configuration Features

Port Matrix Configuration	1 x 4
Lightpipe Configuration	Dual Round
Lightpipe Style	Standard
Lightpipe Profile	Low
Number of Ports	4

### Electrical Characteristics

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

Termination Post & Tail Length	2.05 mm[.081 in]
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Termination Method to Printed Circuit Board

Through Hole - Press-Fit

### Mechanical Attachment

Connector Mounting Type

Board Mount

### Housing Features

Cage Material

Nickel Silver Alloy

### Dimensions

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

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 2023 (235)  
 Candidate List Declared Against: JUNE 2023 (235)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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 # 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 # 4-2821222-5  
SFP56 DIRECT ATTACH CA, 2M,  
30AWG



TE Part # 4-2821224-5  
SFP56 DIRECT ATTACH CA, 3M,  
26AWG



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



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



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



TE Part # 2215070-6  
ASSY, SEATING TOOL, 1 X 4

## Customers Also Bought



TE Part #58495-1  
PRO CRIMPER ASSY MULTIMATE



TE Part #0641-1-2031L  
CONT PIN



TE Part #6-160449-2  
FF 250 REC 1.0-2.5MM2 TPPB LP



TE Part #350778-1  
02P UMNL CAP HSG



TE Part #320570  
SPLICE BUTT PIDG 12-10



TE Part #1-66506-0  
PIN CONTACT, 20 DF

## Documents

### Product Drawings

[zSFP+ 1x4 Cage Assy, Press-Fit, LP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2227729-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2227729-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2227729-1\\_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

### Product Environmental Compliance

[TE Material Declaration](#)



English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English