

2288172-6  ACTIVE

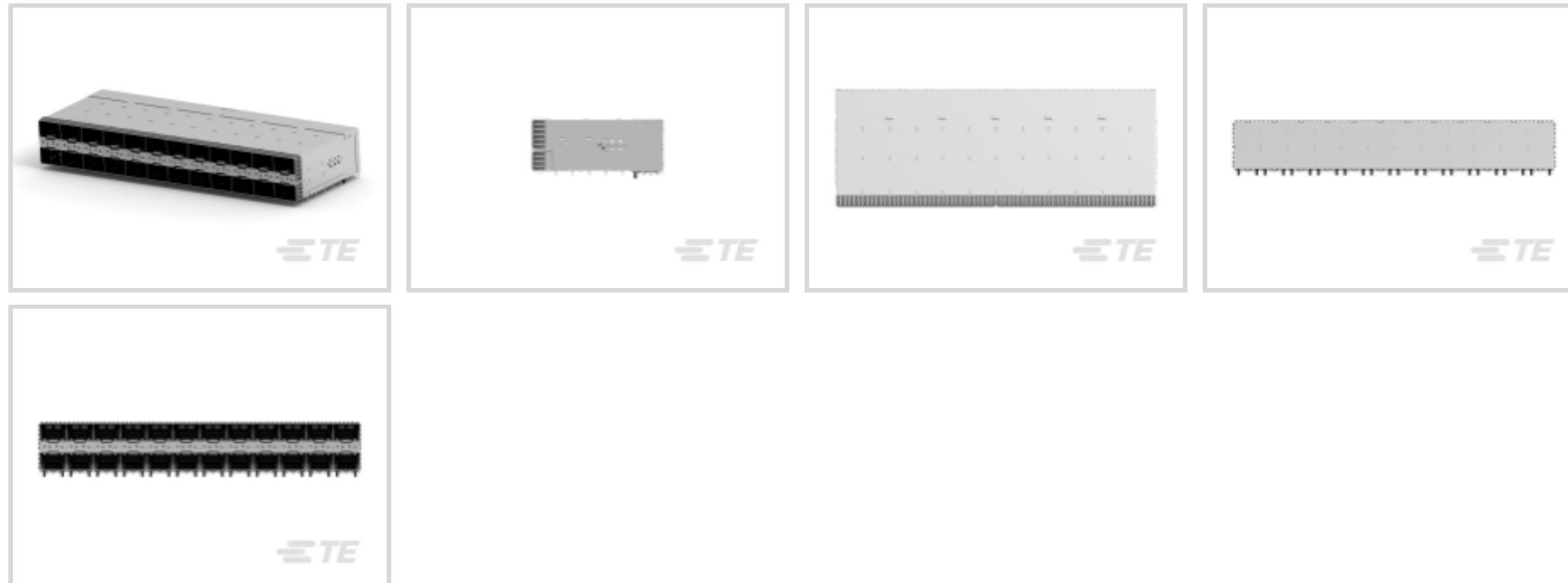
TE Internal #: 2288172-6

zSFP+ Stacked (SFP28), Cage Assembly with Integrated Connector,  
.032in [.8mm] Centerline, Sealable, Signal

[View on TE.com >](#)



Connectors > Pluggable I/O Connectors & Cages > zSFP+ Stacked Cage Assembly: EMI Spring



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **Yes**

Circuit Application: **Signal**

Operating Temperature Range: **-40 - 85 °C [-40 - 185 °F]**

[All zSFP+ Stacked Cage Assembly: EMI Spring \(45\)](#)

## Features

### Product Type Features

Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes
Form Factor	zSFP+ Stacked (SFP28)

### Configuration Features

Lightpipe Style	Standard
Number of Positions	480
Number of Ports	24
Port Matrix Configuration	2 x 12

### Electrical Characteristics

Data Rate (Max)	32 Gb/s
-----------------	---------

### Contact Features

Tail Plating Material	Tin
-----------------------	-----

Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel

#### Termination Features

Termination Post & Tail Length	1.8 mm[.07 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

#### Housing Features

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.032 in]

#### Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
-----------------------------	-----------------

#### Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
-----------------------------	---------------------------

#### Operation/Application

Pluggable I/O Applications	zSFP+ Thermally Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

#### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

#### 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](http://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)

Halogen Content	Does not contain REACH SVHC 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 # 4-2821222-5 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 # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG	

## Customers Also Bought



TE Part # 2342891-2  
CAGE ASSY 1X6 QSFP-DD HS  
EXTRUSION SAN

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2288172-6\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2288172-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2288172-6\\_A.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