

2274001-1 ✓ ACTIVE

TE Internal #: 2274001-1

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 32 Gb/s,  
Internal/External EMI Springs, zSFP+ Thermally Enhanced, With  
Lightpipe, 1 x 1

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



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

Data Rate (Max): **32 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **zSFP+ Thermally Enhanced**

Lightpipe Options: **With Lightpipe**

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

## Features

### Product Type Features

Form Factor	zSFP+
Cage Type	Single
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 1
Number of Ports	1

### Electrical Characteristics

Data Rate (Max)	32 Gb/s
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### Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

### Mechanical Attachment



Connector Mounting Type	Board Mount
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### Housing Features

Cage Material	Nickel Silver Alloy
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### Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Heat Sink Compatible	No
For Use With Pluggable I/O Products	zSFP+ SMT Connector
Pluggable I/O Applications	zSFP+ Thermally Enhanced
Circuit Application	Signal

### Packaging Features

Packaging Method	Tray
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### Other

EMI Containment Feature Type	Internal/External EMI Springs
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## 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	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



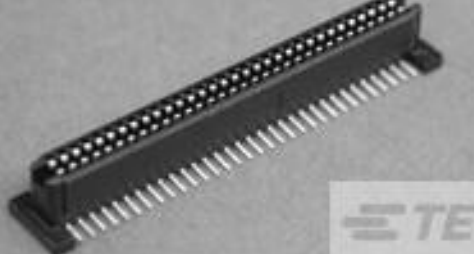


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

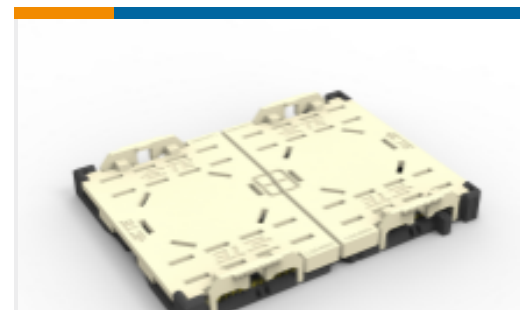
 <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>
 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>	 <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>
 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG</p>	 <p>TE Part # 2378765-1 SFP112 RECEPTACLE CONNECTOR</p>

## Customers Also Bought

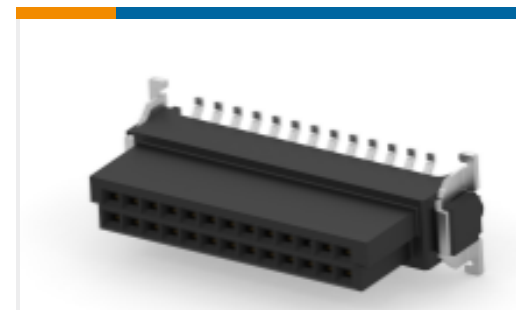
 <p>TE Part #2102060-2 Mezalog, Pin, 114 p, 50 Au, LF</p>	 <p>TE Part #281695-2 HEADER HE14 STRAIGHT 2 P</p>	 <p>TE Part #788862-1 PT30 XFP CONNECTOR</p>	 <p>TE Part #5120528-1 1FHR,64,30A/S,N,C,S08,09,10</p>
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TE Part #2170704-3  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #1-2324271-4  
LEFT SEGMENT LGA4189-4 SOCKET-  
P4 FOR ODM



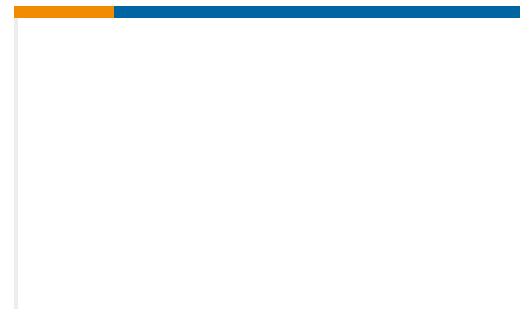
TE Part #124044-E  
SMCB 26 F AB W 6-03 CLHD \* H007  
137 E00



TE Part #2327678-3  
RECEPTACLE ASSY, 84 P, VERT,  
SLIVER 2.0



TE Part #2345506-2  
RECEPTACLE ASSY, WITH END  
WALL, POWER



TE Part #GA10K3A542I  
DISC-+- 0.2'C 0'C 70'C

## Documents

### Product Drawings

#### ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2274001-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2274001-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2274001-1\\_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

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

[MD\\_2274001-1\\_0111201843\\_dmtec](#)

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