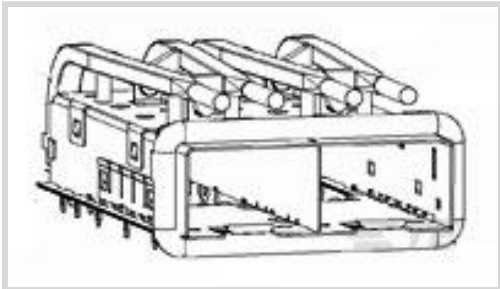




Connectors > Pluggable IO Connectors & Cages > zSFP+ Cage Assembly: EMI Springs



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 \(21\)](#)

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
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Termination Features

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

Housing Features

Cage Material	Nickel Silver Alloy
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Dimensions

PCB Thickness (Recommended)	2.25 mm
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Usage Conditions

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

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

Packaging Features

Packaging Method	Tray
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

Product Compliance

For compliance documentation, visit the product page on TE.com>

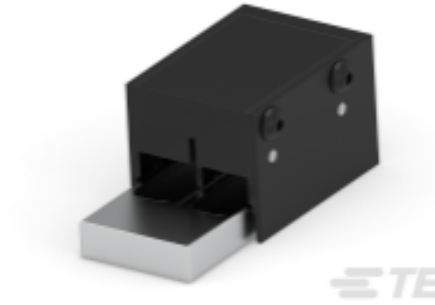
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2023 (233) Does not 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>

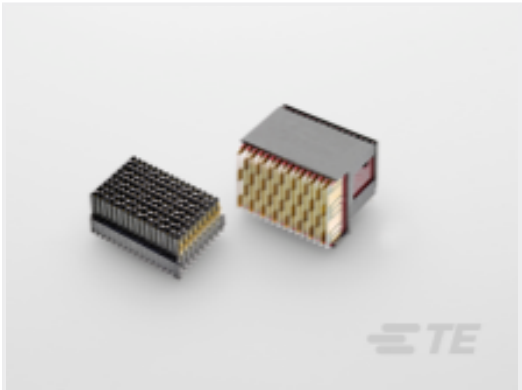


Compatible Parts

 TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG	 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG
 TE Part # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG	 TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG	 TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # 2215070-5 ASSY, SEATING TOOL, 1 X 2
 TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG	 TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG	 TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG	 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG

Customers Also Bought

 TE Part #6-1393238-2 RTD14012	 TE Part #8-1614882-8 CPF 0603 7R5 0.1% 25PPM 1K RL	 TE Part #9-1879336-7 CPF 0603 2K32 1% 50PPM 1K RL	 TE Part #4-1879337-1 CPF 0603 6K49 1% 50PPM 1K RL
 TE Part #5-1879337-9 CPF 0603 10K 1% 50PPM 1K RL	 TE Part #2-1879338-5 CPF 0603 47K5 1% 50PPM 1K RL	 TE Part #2170088-1 ZSFP+ Connector,30u"	 TE Part #4-2176070-3 3521 560R 1% 2W



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



TE Part #2842143-4
8P,2MM,BRK HDR,DRV,T,SMD,0.38AU,
TR W/CAP

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