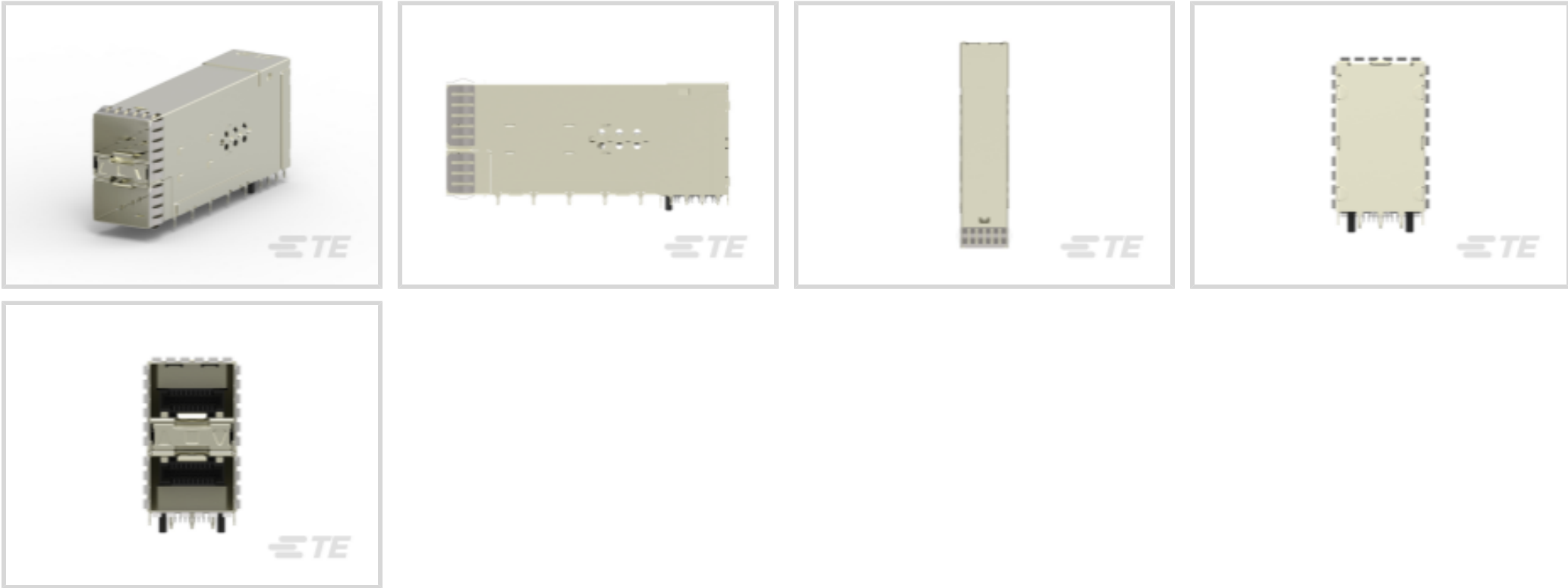




Connectors > Pluggable IO Connectors & Cages > zSFP+ Stacked Cage Assembly: EMI Spring



Form Factor: **zSFP+ Stacked (SFP28)**

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

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

Sealable: **No**

Circuit Application: **Signal**

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

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

Dimensions

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

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]

Packaging Features

Packaging Method	Tray
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Configuration Features



Lightpipe Style	Standard
Number of Positions	40
Number of Ports	2
Port Matrix Configuration	2 x 1

Operation/Application

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

Housing Features

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

Product Type Features

Cage Type	Stacked
Form Factor	zSFP+ Stacked (SFP28)
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No

Electrical Characteristics

Data Rate (Max)	32 Gb/s
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
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 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-Q17-N490333
QSFP56-Four SFP56 Cable Assembly:
26 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-N490111
SFP28 to SFP28 Cable Assembly: 28
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 # 2334985-2
SFP28 DIRECT ATTACH CA, 1M,
32AWG



TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG

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

Customers Also Bought

TE Part #2349202-5
SFP56 STACKED 2X1 RECEPTACLE ASSEMBLY

TE Part #6-2213362-2
RCPT ASSY,DIMMABLE PHOTOCONTROL,150C,3 P

TE Part #1734375-1
CHAMP .050 HIGH RISE, REVERSED

TE Part #2132529-3
IMP100S,H,V3P6C,LG,REW39,5.5

TE Part #5-1375870-4
RCPT ASSY,12 POS,VERT,0.8MM MI

TE Part #2-6450880-4
MBXLE R/A RCPT 4P16S4P

TE Part #1734100-3
Champ050 series,30pos,Au over PdNi

TE Part #1734101-3
Champ050 series,30pos,Au over PdNi

TE Part #1934949-1
Tinman 5pr 8col vert rcpt 15mm stack

TE Part #2007808-2
IMP100S,H,V4P10C,LG,OEW46,4.9

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2198318-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2198318-9_B.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_1-2198318-9_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