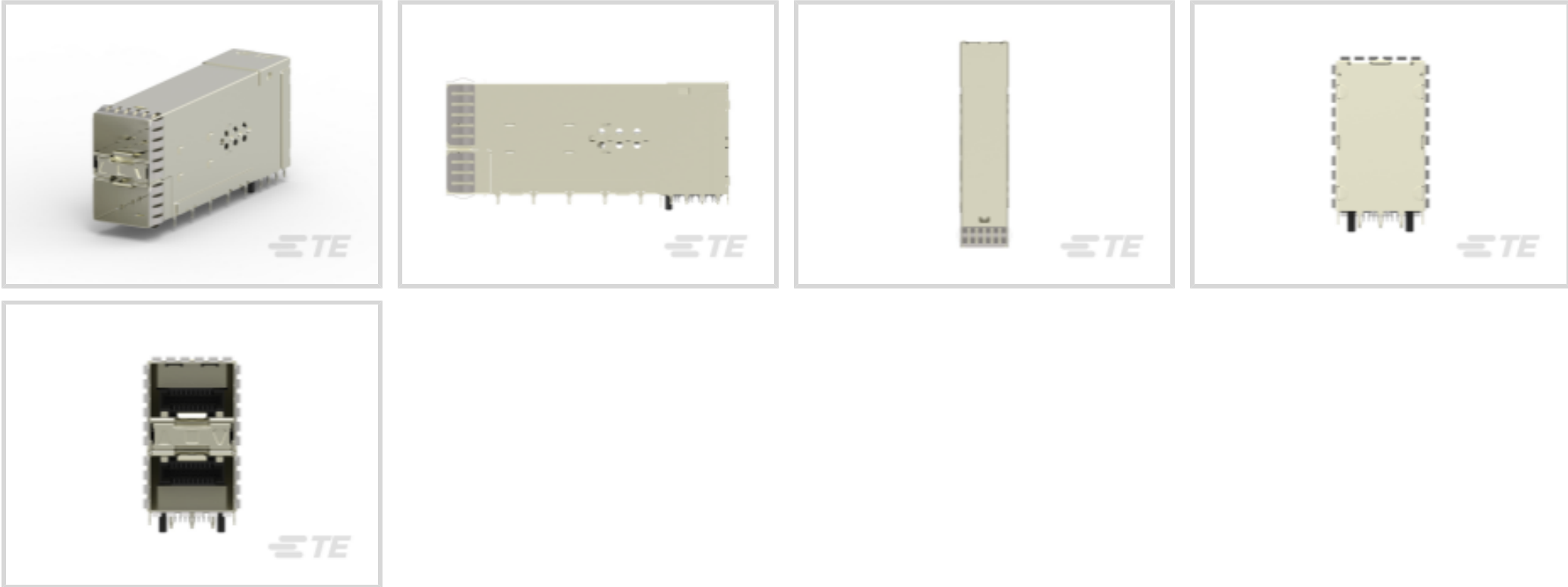




TE Internal #: 1-2198318-9
SFP/SFP+/zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, External Springs, zSFP+ Thermally Enhanced, Included Lightpipe
[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**
Data Rate (Max): **32 Gb/s**
EMI Containment Feature Type: **External Springs**
Pluggable I/O Applications: **zSFP+ Thermally Enhanced**
Included Lightpipe: **Yes**

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

Features

Product Type Features

Form Factor	zSFP+ Stacked (SFP28)
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Integrated Lightpipes	Yes
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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



Electrical Characteristics

Data Rate (Max)	32 Gb/s
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Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
Tail Length	1.8 mm[.07 in]

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

EMI Containment Feature Type	External Springs
Included Lightpipe	Yes



Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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 2021 (211) Candidate List Declared Against: DEC 2014 (161) SVHC > Threshold: Not Yet Reviewed
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-C11-N490325
QSFP28-Four SFP+ Cable Assembly:
26 AWG














TE Part # CAT-C11-N4901142
SFP28 to SFP28 Cable Assembly: 32
AWG





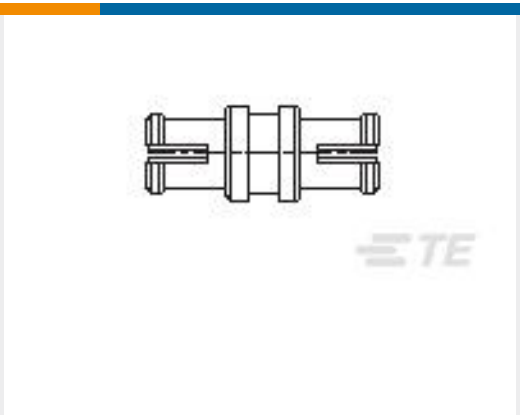



TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30
AWG



 <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 # CAT-C11-G28037 SFP56 to SFP56 Cable Assembly: 30 AWG</p>
 <p>TE Part # CAT-C11-G28 SFP56 to SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 2821262-1 SFP28 DIRECT ATTACH CA, 0.5M, 33AWG</p>	 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG</p>
 <p>TE Part # 2821262-2 SFP28 DIRECT ATTACH CA, 1.0M, 33AWG</p>	 <p>TE Part # 2821262-3 SFP28 DIRECT ATTACH CA, 1.5M, 33AWG</p>	 <p>TE Part # 2821262-4 SFP28 DIRECT ATTACH CA, 2.0M, 33AWG</p>	

Customers Also Bought

 <p>TE Part #2328118-3 LUMAWISE ENDURANCE N OPEN CAP ASSEMBLY</p>	 <p>TE Part #2132529-3 IMP100S,H,V3P6C,LG,REW39,5.5</p>	 <p>TE Part #1470108-6 AMP HPI 2.0MM HEADERS</p>	 <p>TE Part #YDTS26T23-53SNV001 D38999: Straight Plug, 23-53 Insert</p>
 <p>TE Part #1734100-3 Champ050 series,30pos,Au over PdNi</p>	 <p>TE Part #1734101-3 Champ050 series,30pos,Au over PdNi</p>	 <p>TE Part #1757256-1 SMPM FEMALE BULLET ADAPTER</p>	 <p>TE Part #1934949-1 Tinman 5pr 8col vert recpt 15mm stack</p>



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



TE Part #2110570-1
SFP+ 1x4 Cage Assembly Square Light Pipe

Documents

Product Drawings

zSFP+ STACKED 2X1 RECEPTACLE ASSEMBLY

English

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