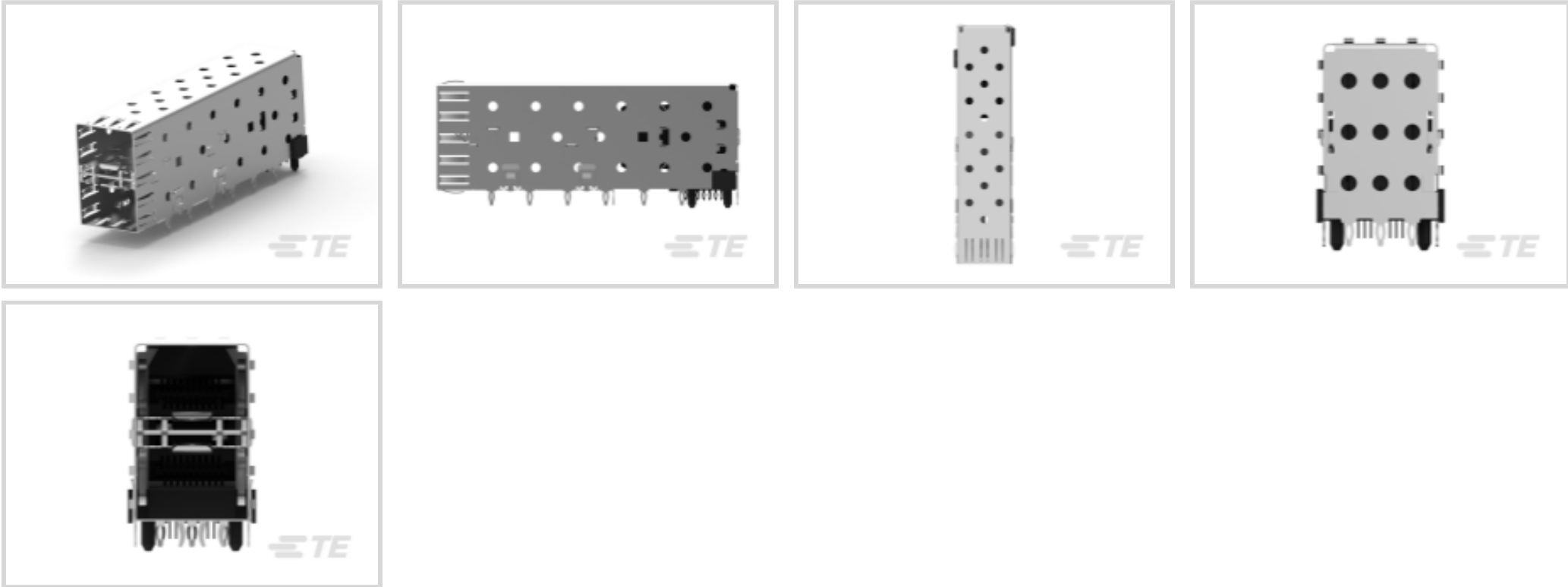




SFP28

TE Internal #: 1658628-2
SFP/SFP+/zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 4 Gb/s, EMI Springs, SFP, Port Matrix Configuration 2 x 1
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP/SFP+/zSFP+ > Stacked SFP Cages



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**
Data Rate (Max): **4 Gb/s**
EMI Containment Feature Type: **EMI Springs**
Pluggable I/O Applications: **SFP**
Included Lightpipe: **No**

[All Stacked SFP Cages \(122\)](#)

Features

Product Type Features

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

Configuration Features

Port Matrix Configuration	2 x 1
Number of Ports	2
Number of Positions	40

Electrical Characteristics

Data Rate (Max)	4 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
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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

Centerline (Pitch)	.8 mm[.03 in]
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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	SFP
Circuit Application	Signal

Other

EMI Containment Feature Type	EMI Springs
Included Lightpipe	No

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: JUN 2020 (209) Candidate List Declared Against: JUN 2018 (191) 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 Model / Part # CAT-SF59-C117ST123

Stacked SFP Cages

Customers Also Bought



TE Model / Part #2170704-5

CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Model / Part #2057159-1

SFP+ 1x1 Cage Assy, Press-Fit, 20 Pin



TE Model / Part #1551920-1

zQSFP+ connector assembly



TE Model / Part #2007705-1

IMP100S,R,RA3P10C,UG,39



TE Model / Part #6450572-1

MBXL R/A RCPT 3ACP+4P+24S



TE Model / Part #1761014-3

SFP 1X2 CAGE ASSY, PRESS FIT



TE Model / Part #5175887-4

CHAMP 050-2 REC ASSY V 26P



TE Model / Part #5-104895-5

50 50/50 GRID RA HDR W/LTCH LF



TE Model / Part #6-104069-6

72 sys 50 hdr drda shrd sn



TE Model / Part #2-2308107-1

DDR4 DIMM SOCKETS



Documents

Product Drawings

PRESS FIT 2X1 REDUCED PROFILE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658628-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658628-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658628-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1658628-2_05022017138_dmtec

English

MD_1658628-2_05022017138_dmtec

English