

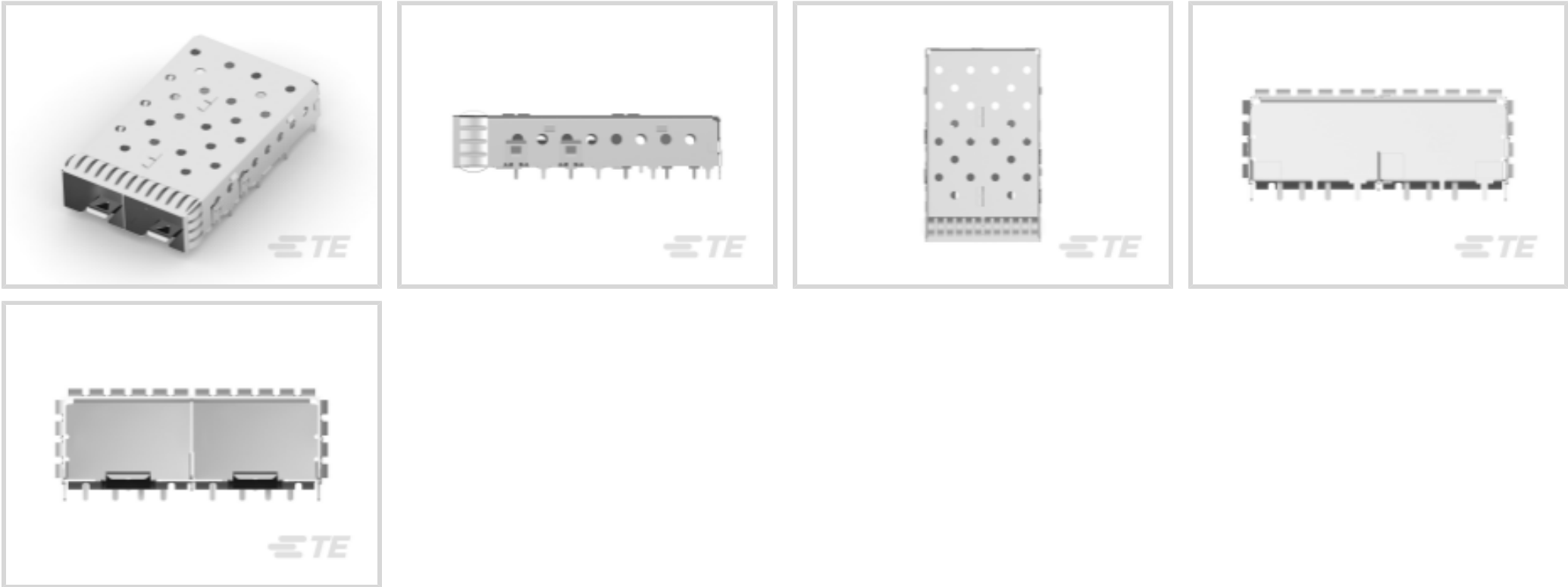


SFP28

TE Internal #: 2143451-1  
SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 8 Gb/s, EMI Springs, SFP+, Not Optional, 1 x 2, Through Hole - Press-Fit, 2 Port, Cable-to-Board

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+



Pluggable I/O Product Type: **Cage Assembly**  
Data Rate (Max): **8 Gb/s**  
EMI Containment Feature Type: **EMI Springs**  
Pluggable I/O Applications: **SFP+**  
Lightpipe Options: **Not Optional**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 2
Number of Ports	2

Electrical Characteristics

Data Rate (Max)	8 Gb/s
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Termination Features

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

Connector Mounting Type	Board Mount
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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
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	Reflow solder capable to 260°C

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-N490333  
QSFP28-Four SFP+ Cable Assembly:  
30 AWG



TE Part # CAT-C11-N490325  
QSFP28-Four SFP+ Cable Assembly:  
26 AWG



TE Part # 2334985-2  
SFP28 DIRECT ATTACH CA, 1M,  
32AWG



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



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



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



TE Part # CAT-Q17-N490333  
QSFP56-Four SFP56 Cable Assembly:  
26 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 # 4-2334985-2  
SFP56 DIRECT ATTACH CA, 1M,  
32AWG



TE Part # 2007182-3  
SFP 1x2 Light Pipe Assy, Reduced  
Length



TE Part # 2007182-2  
SFP 1x2 Light Pipe Assy, Reduced  
Length

Customers Also Bought



TE Part #3-641215-3  
03P MTA100 HDR ASSY FL/ST 30AU



TE Part #7-215079-8  
MICRO-MATCH FOB.08P



TE Part #440054-2  
2.0MM,HDR,2POS,VERTICAL



TE Part #1-1879502-6  
CRGH2512 5% 56K 2W



TE Part #2042088-2  
Vert.Male, IEC L2



TE Part #DTF13-12PD  
HDR, 12P, BRN, RA, SN/NI/CU, D



TE Part #6367580-4  
ASSY Z-DOK+4 HOST BOARD 32PR



TE Part #7-147070-1  
MODI .045 SQ POST SN .400



TE Part #6367584-2  
ASSY Z-DOK+4 ADAPTER BRD 32PR,



TE Part #1617040-2  
HTS1103S01 = HTS 1/2 SIZE 200C

Documents

Product Drawings

SFP+ 1X2 Assy, Sldr Tail, Tray

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2143451-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2143451-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2143451-1\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

MD\_2143451-1\_050320162342\_dmtec

English

MD\_2143451-1\_050320162342\_dmtec

English