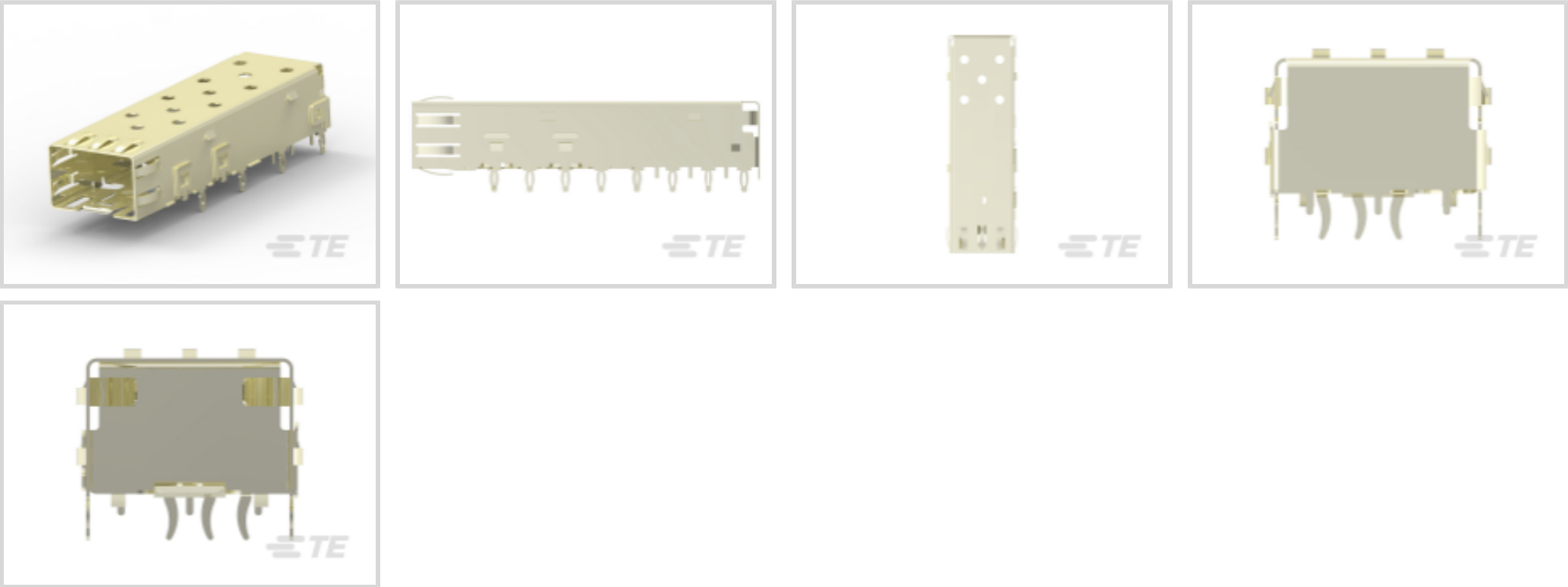




TE Internal #: 2227302-1
SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 4 Gb/s, Internal /External EMI Springs, SFP, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port
[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage**
Data Rate (Max): **4 Gb/s**
EMI Containment Feature Type: **Internal/External EMI Springs**
Pluggable I/O Applications: **SFP**
Lightpipe Options: **Not Optional**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Form Factor | SFP |
| Cage Type | Single |
| Pluggable I/O Product Type | Cage |
| 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 1 |
| Number of Ports | 1 |

Electrical Characteristics

| | |
|-----------------|--------|
| Data Rate (Max) | 4 Gb/s |
|-----------------|--------|

Termination Features

| | |
|--------------------------------|---------------|
| Termination Post & Tail Length | 3 mm[.118 in] |
|--------------------------------|---------------|



Termination Method to Printed Circuit Board

Through Hole - Press-Fit

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

| | |
|---------------|-----------------|
| Cage Material | Stainless Steel |
|---------------|-----------------|

Dimensions

| | |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.5 mm[.059 in] |
|-----------------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|-------------------------------------|-------------------|
| Heat Sink Compatible | No |
| For Use With Pluggable I/O Products | SFP SMT Connector |
| Pluggable I/O Applications | SFP |

Packaging Features

| | |
|------------------|-----------------|
| Packaging Method | Box, Box & Tray |
|------------------|-----------------|

Other

| | |
|----------------------------------|-------------------------------|
| Pluggable I/O Connectors Comment | 11 Press-Fit Tails |
| 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: 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 | 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-SF59-C76264
SFP Connectors




TE Part # 1367147-1
SFP COVER, UNPLATED



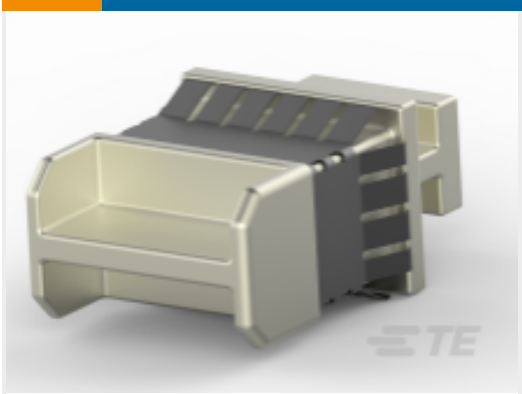
TE Part # 1367147-3
SFP COVER, UNPL, NO LOGO



TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED



TE Part # 2215077-3
ASSY, SEATING TOOL, SFP



TE Part # 1888901-1
SFP+ EMI Plug

Customers Also Bought



TE Part #5787083-5
50 50SR R/A RCPT ASSY,RDSN L/F



TE Part #5223955-2
TE UPM Ver Receptacle 3P STD Power



TE Part #188753-4
31P.IEC-F MALE CONN



TE Part #1879213-1
CPF 0402 26R1 0.1% 25PPM 1K RL



TE Part #2299924-5

ZQSFP+ STACKED REC ASSEMBLY

2X3,4LP HS

TE Part #5786554-5

50 50SR VRT RCPT,L,R,ACT PIN

TE Part #1469265-3

UPM R/A KEYED GUIDE PIN

TE Part #2323767-1

DD-DD, 28AWG 2-8PR, 1.0M

TE Part #6600390-2

MBXL VERT HDR 4ACP STR

Documents

Product Drawings

CAGE ASSY, PRESS FIT, SFP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227302-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227302-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227302-1_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_2227302-1_022720191133_dmtec

English

MD_2227302-1_022720191133_dmtec

English

2227302-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 4 Gb/s, Internal/External EMI Springs,
SFP, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port

