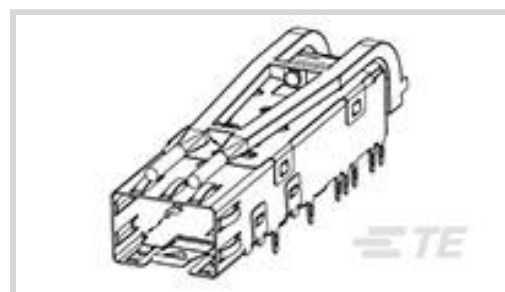# 2170614-1 ✔ ACTIVE

TE Internal #: 2170614-1

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 4 Gb/s, Internal/External EMI Springs, SFP+, With Lightpipe, 1 x 1, Dual Round, Standard, Standard

[View on TE.com >](#)

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

Pluggable I/O Product Type: **Cage Assembly**

Data Rate (Max):   **4 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **SFP+**

Lightpipe Options: **With Lightpipe**

Features

Product Type Features

Form Factor	SFP
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
Lightpipe Options	With Lightpipe
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Lightpipe Configuration	Dual Round
Lightpipe Style	Standard
Lightpipe Profile	Standard
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

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 4 Gb/s, Internal/External EMI
Springs, SFP+, With Lightpipe, 1 x 1, Dual Round, Standard, Standard

Connector Mounting Type	Board Mount

Housing Features

Cage Material	Copper Alloy

Dimensions

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

Usage Conditions

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

Operation/Application

Heat Sink Compatible	No
For Use With Pluggable I/O Products	SFP SMT Connector
Pluggable I/O Applications	SFP+
Circuit Application	Signal

Packaging Features

Packaging Method	Tray

Other

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 4 Gb/s, Internal/External EMI Springs, SFP+, With Lightpipe, 1 x 1, Dual Round, Standard, Standard

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

Customers Also Bought

TE Part #1934331-1

Tin man Header Assy 5x16 Open

TE Part #1934346-1

Tin Man Header Assy 3x16 Double

TE Part #2170288-1

1X4 CAGE ASSEMBLY, THRU BEZEL, QSFP

TE Part #1934344-1

Tin Man Header Assy 3x16 Left

TE Part #2170507-5

1X3 QSFP CAGE ASSY

TE Part #2169802-2

IMP,PWR,4PR,R/A,Hdr,5.7,5.7,Tin

TE Part #2143313-2

IMP100S,H,RA2P16C,LG,OEW39,4.9

TE Part #2302014-1

ZSFP+ 1X8 CAGE ASSY, PRESS-FIT, LP, HS

Documents

Product Drawings

cage assy, 20 press fit, sfp w

English

CAD Files

3D PDF

3D

Customer View Model

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 4 Gb/s, Internal/External EMI
Springs, SFP+, With Lightpipe, 1 x 1, Dual Round, Standard, Standard

ENG_CVM_CVM_2170614-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170614-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170614-1_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

TE Material Declaration

English