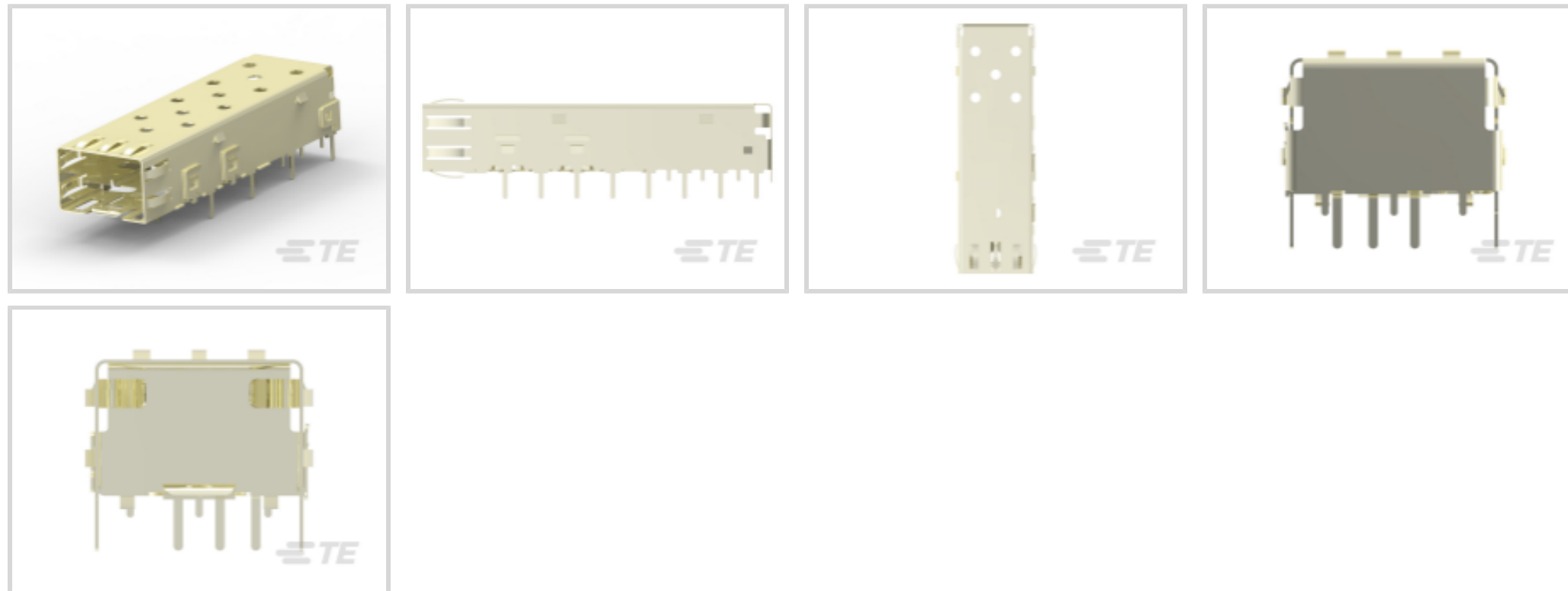# 2227303-3 ✔ ACTIVE

TE Internal #: 2227303-3
SFP/SFP+/zSFP+, Cage, Data Rate (Max) 4 Gb/s, External Springs,
zSFP+ Thermally Enhanced, Port Matrix Configuration 1 x 1,
Through Hole - Solder

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: **External Springs**

Pluggable I/O Applications: **zSFP+ Thermally Enhanced**

Included Lightpipe: **No**

Features

Product Type Features

Form Factor	SFP
Cage Type	Single
Pluggable I/O Product Type	Cage
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

Contact Features

Tail Plating Material	Tin

Termination Features

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SFP/SFP+/zSFP+, Cage, Data Rate (Max) 4 Gb/s, External Springs, zSFP+ Thermally
Enhanced, Port Matrix Configuration 1 x 1, Through Hole - Solder

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mounting Style	Through Hole - Solder
Connector Mounting Type	Board Mount

Housing Features

Cage Material	Stainless Steel

Dimensions

Tail Length	1.8 mm[.071 in]
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	zSFP+ Thermally Enhanced

Packaging Features

Packaging Method	Box & Tray, Tray

Other

EMI Containment Feature Type	External 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	Not Yet Reviewed
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: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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Enhanced, Port Matrix Configuration 1 x 1, Through Hole - Solder

Solder Process Capability   Wave solder capable to 260°C
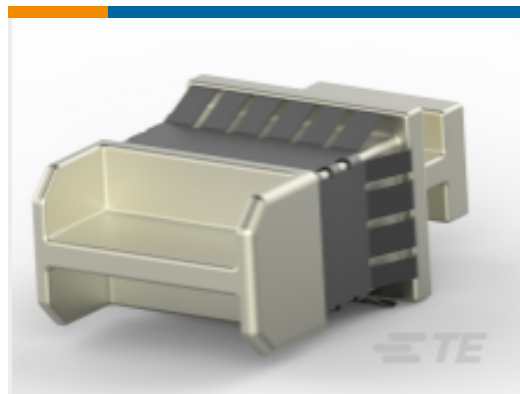
Product Compliance Disclaimer

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-SF59-C76264

SFP Connectors

TE Part # 1888901-1

SFP+ EMI Plug

TE Part # 1367147-1

SFP COVER, UNPLATED
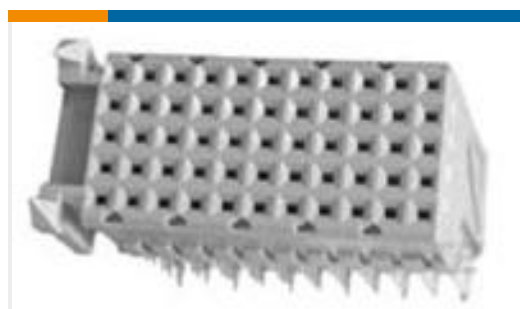

TE Part # 1367147-3

SFP COVER, UNPL, NO LOGO

TE Part # 1761394-1

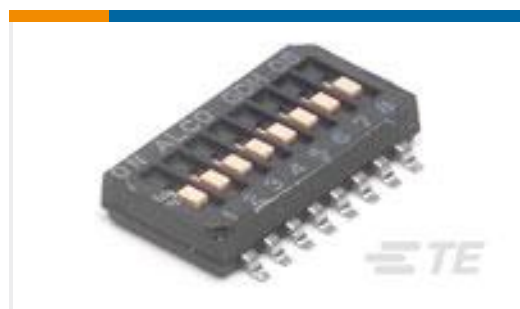DUST COVER, SFP, GANGED &
STACKED

Customers Also Bought

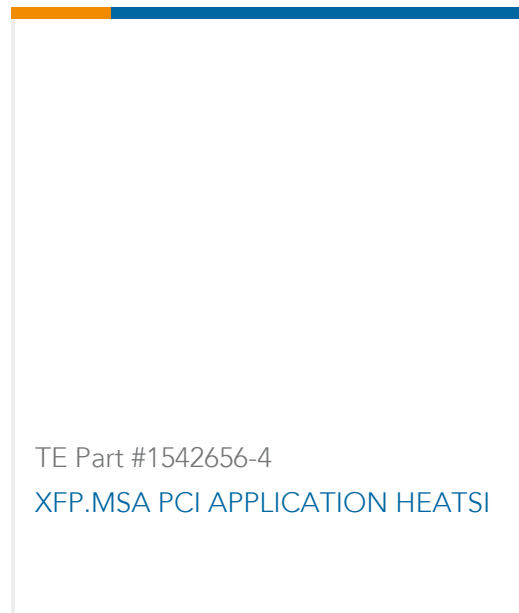

TE Part #1367073-1

20 POS SMT CONN, SFP, 15AU

TE Part #100161-1

Z-PACK/C F-HDR 55P

TE Part #1571983-5

GDH04STR04=DIP SWITCH

TE Part #1888250-3

Low Profile,RJ45,1x1,No Led's

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SFP/SFP+/zSFP+, Cage, Data Rate (Max) 4 Gb/s, External Springs, zSFP+ Thermally
Enhanced, Port Matrix Configuration 1 x 1, Through Hole - Solder

TE Part #1658744-3
SFP 1X4 CAGE ASSY

TE Part #1-828102-1
HD-20SCHRAUB-SICHRG

TE Part #1-1623797-2
SQZ10 82R 5%

TE Part #1542656-4
XFP.MSA PCI APPLICATION HEATSI

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227303-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227303-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227303-3_C.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

Product Compliance

English

Product Compliance

English