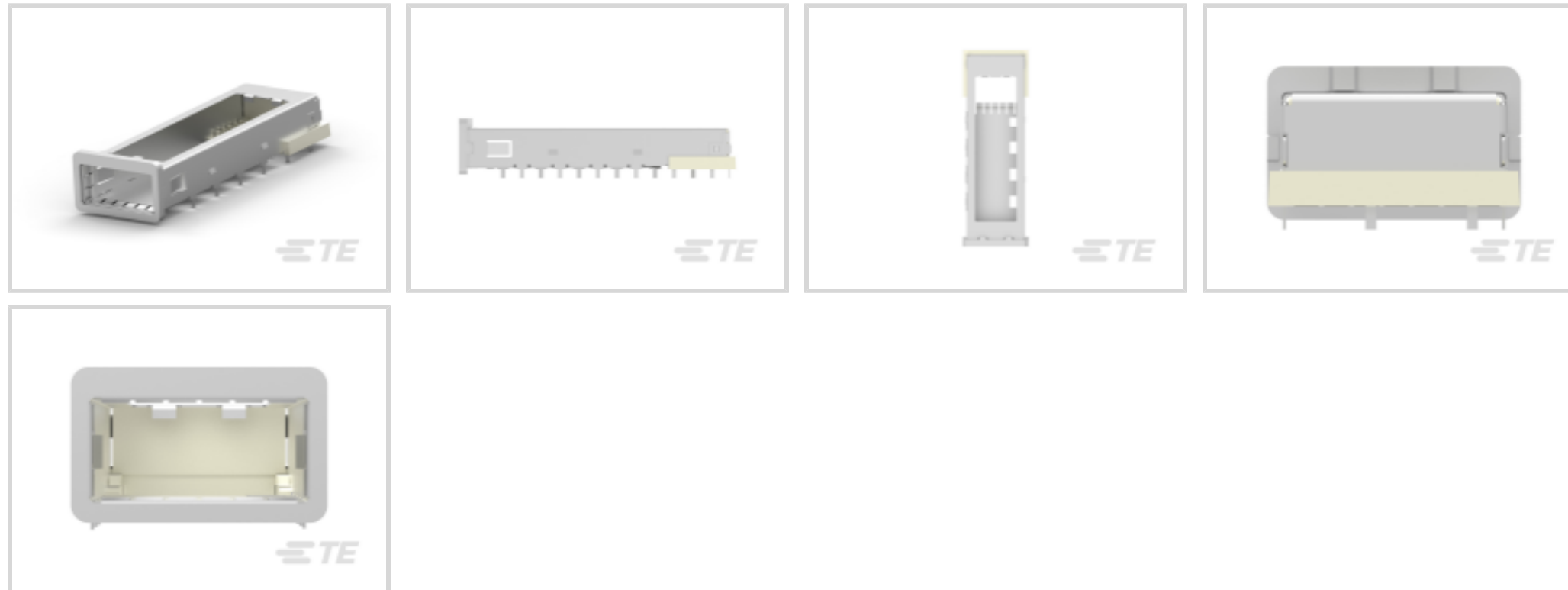# 2170435-1 ✓ ACTIVE

SFP28 | **XFP**

TE Internal #: 2170435-1

XFP, Cage Assembly, Through Hole - Press-Fit Mount, 1 Port, 1 x 1, Data Rate (Max) 10 Gb/s, Cable-to-Board, Sealable, Printed Circuit Board, XFP

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > XFP > XFP Cage Assemblies and Kits

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

PCB Mounting Style: **Through Hole - Press-Fit**

Number of Ports: **1**

Port Matrix Configuration: **1 x 1**

Data Rate (Max): **10 Gb/s**

All XFP Cage Assemblies and Kits (22)

Features

Product Type Features

Form Factor	XFP
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	10 Gb/s

Body Features

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XFP, Cage Assembly, Through Hole - Press-Fit Mount, 1 Port, 1 x 1, Data Rate (Max)
10 Gb/s, Cable-to-Board, Sealable, Printed Circuit Board, XFP

Cage Plating Material	Tin

Termination Features

Termination Post & Tail Length	2.05 mm[.08 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
Connector Mounting Type	Board Mount

Housing Features

Cage Material	Copper Alloy

Dimensions

Product Width	65.53 mm[2.57 in]
Product Length	21.7 mm[.854 in]

Usage Conditions

Operating Temperature Range	-10 – 70 °C[-14 – 158 °F]

Operation/Application

Heat Sink Application	Yes
Heat Sink Compatible	No
For Use With Pluggable I/O Products	XFP Connector / XFP Cable Plug
Circuit Application	Signal

Packaging Features

Packaging Method	Tray

Other

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223)

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XFP, Cage Assembly, Through Hole - Press-Fit Mount, 1 Port, 1 x 1, Data Rate (Max)
10 Gb/s, Cable-to-Board, Sealable, Printed Circuit Board, XFP

	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 Part # 1542618-2
XFP MSA SAN APPLICATION

TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP

TE Part # 1489948-2
XFP HEAT SINK CLIP, PLATED
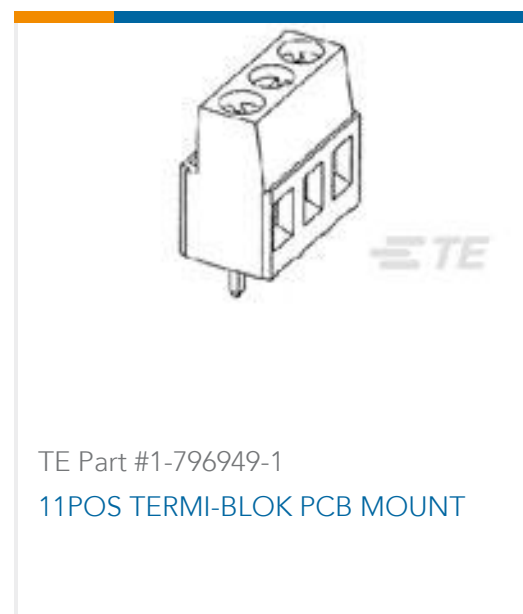
TE Part # 1963850-2
XFP. MSA HEATSINK 10mm TALL

Also in the Series | XFP

Connector Caps & Covers(1)

Heat Sinks(7)

XFP(25)

Customers Also Bought

XFP, Cage Assembly, Through Hole - Press-Fit Mount, 1 Port, 1 x 1, Data Rate (Max)
10 Gb/s, Cable-to-Board, Sealable, Printed Circuit Board, XFP

TE Part #2-2291728-1
D3200M FMLB REC HSG 12P SSKEY

TE Part #1-796949-1
11POS TERMI-BLOK PCB MOUNT

TE Part #1-2176408-6
3560 4K7 5%

TE Part #5223654002
CGPE-105-1/2-X-SP

TE Part #Y5015-000000100138
FIXED SOCKET CONNECTOR

TE Part #2-1649328-8
RT334005

TE Part #2-2170808-5
QSFP28, 1X2, CAGE ASSY, SPRING, HS, LP

TE Part #YDIV44E15-35SNC001
RECP ASSY

Documents

Product Drawings
XFP CAGE ASSEMBLY

English

CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170435-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170435-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170435-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications
Product Specification

English