1489951-1 ✔ ACTIVE

SFP28 | XFP

TE Internal #: 1489951-1

XFP, XFP, Cage Assembly, Double-Sided (Belly-to-Belly), 1 Port, Port Matrix Configuration 1 x 1, Data Rate (Max) 10 Gb/s, Cable-to-Board

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: **Double-Sided (Belly-to-Belly)**

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

Connector Style	Receptacle
Form Factor	XFP
Pluggable I/O Accessory Type	Heat Sink
Cage Type	Single
Product Line	XFP
Pluggable I/O Product Type	Cage Assembly
Connector System	Cable-to-Board
Sealable	No
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

Material	Aluminum
Cage Plating Material	Tin

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A

Termination Features

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

Mechanical Attachment

PCB Mounting Style	Double-Sided (Belly-to-Belly)
Connector Mounting Type	Board Mount

Housing Features

Cage Material	Copper Alloy
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.8 mm

Dimensions

Length	65.53 mm[2.58 in]
Width	21.7 mm[.854 in]
Profile Height	13.29 mm[.523 in]
Tail Length	2.05 mm[.081 in]

Operation/Application

Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	XFP Cage
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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: 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
Solder Process Capability	Not applicable for solder process capability

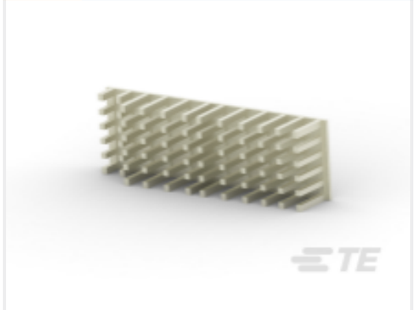
Product Compliance Disclaimer

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

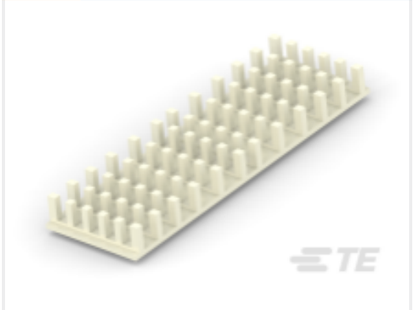
Compatible Parts



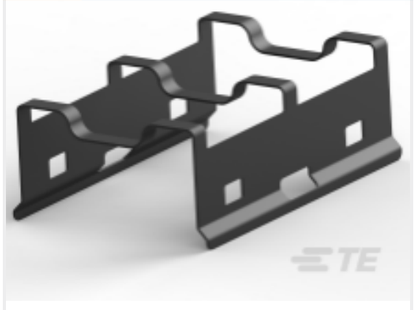
TE Part # CAT-X29-C76264
XFP Connectors



TE Part # CAT-X29-AC229
XFP Heat Sink



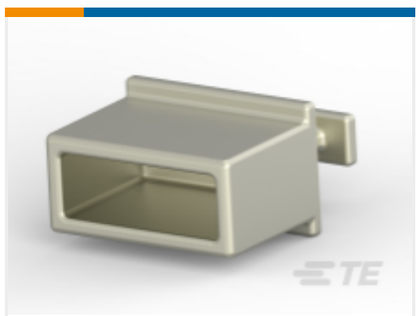
TE Part # 1542618-2
XFP MSA SAN APPLICATION



TE Part # 1489948-2
XFP HEAT SINK CLIP, PLATED



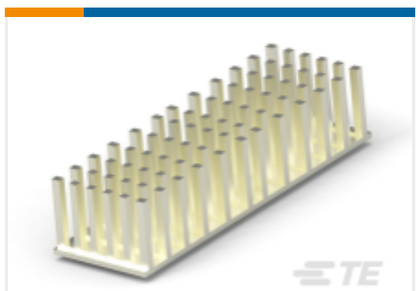
TE Part # 1963850-2
XFP. MSA HEATSINK 10mm TALL



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



TE Part # 1542993-2
SFP HEATSINK 13.5MM TALL



TE Part # 1542706-3
XFP. MSA NETWORK APPLICATION H



TE Part # 1829904-2
HEAT SINK SFP DWDM 6.5mm TALL



TE Part # 1829905-2
HEAT SINK SFP DWDM 13.5mm TALL

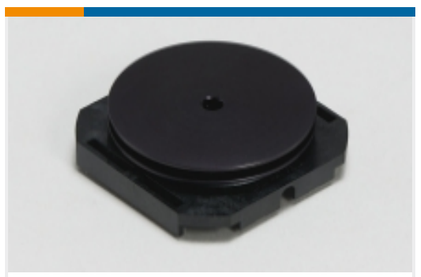


TE Part # 1963854-2
HEAT SINK SFP DWDM 10.0mm TALL



TE Part # 2303922-2
HEAT SINK SFP DWDM 4.2mm TALL

Also in the Series | XFP



Heat Sinks(4)

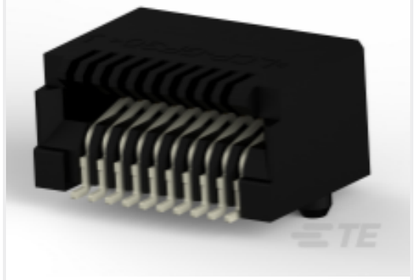


XFP(31)

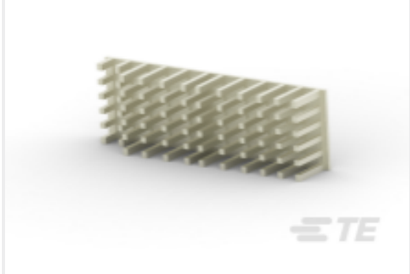
Customers Also Bought



TE Part #788862-2
XFP Connectors



TE Part #1367073-2
SFP Connectors



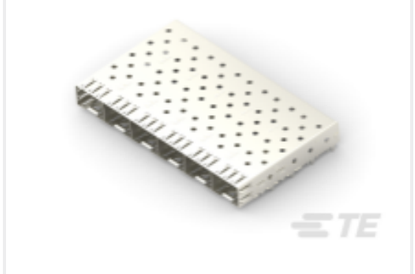
TE Part #1367500-1
XFP Heat Sink



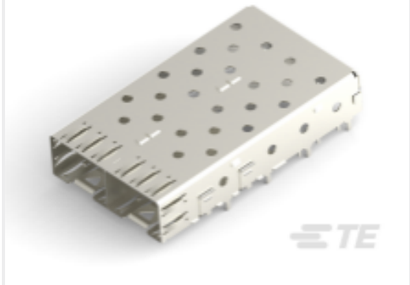
TE Part #1623782-5
Wirewound Resistor: Vertical Mount



TE Part #1542618-2
XFP MSA SAN APPLICATION



TE Part #1761015-3
SFP 1X6 CAGE ASSY W/ KAPTON TAPE, PF



TE Part #1761014-3
SFP 1X2 CAGE ASSY, PRESS FIT



TE Part #1489948-2
XFP HEAT SINK CLIP, PLATED



TE Part #1551920-2
zQSFP+ connector assembly



TE Part #1658744-3
SFP 1X4 CAGE ASSY

Documents

Product Drawings

XFP CAGE ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1489951-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1489951-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1489951-1_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

1773408-1 Pluggable Input/Output Solutions catalog - XFP section

English

1-1773717-8_PLUGGABLEIO_QRG_TCN

English

4-1773455-2 - Quick Reference Guide Pluggable I/O Solutions

English

1-1773717-7_PLUGGABLE_IO_QRG_CN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1489951-1_03262017357_dmtec

English

MD_1489951-1_03262017357_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English