1888481-2 ✔ ACTIVE

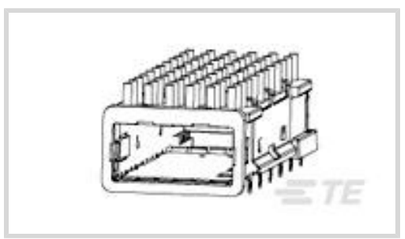
SFP28 | XFP

TE Internal #: 1888481-2

XFP, XFP, Cage Assembly, Double-Sided (Belly-to-Belly), 1 Port, Port Matrix Configuration 1 x 1, Pin, Heat Sink Height Class SAN

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**

Thermal Accessory Type Included: **Heat Sink**

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
Thermal Accessory Type Included	Heat Sink
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

Heat Sink Finish	Electroless Nickel

Heat Sink Plating Material	Nickel
Material	Aluminum
Cage Plating Material	Tin
Heat Sink Style	Pin
Heat Sink Height Class	SAN
Heat Sink Height	6.5 mm[.256 in]

Contact Features

Contact Mating Area Plating Material	Gold

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)

Dimensions

Width	22 mm
Length	65.53 mm
Profile Height	15.8 mm
Tail Length	2.05 mm[.081 in]

Operation/Application

Heat Sink Application	Yes
Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	XFP Connector / XFP Cable Plug

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Tray

Other

Comment	Insulating tape on bottom of cage.
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) Not Yet Reviewed
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

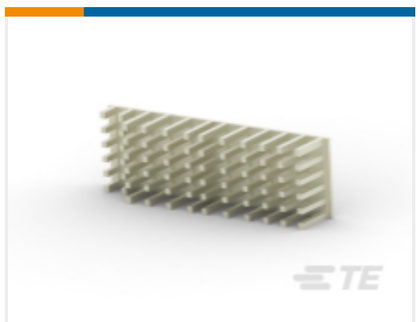
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

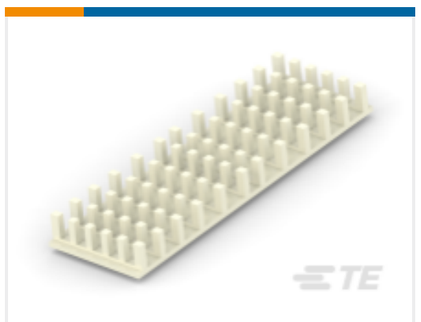
Compatible Parts



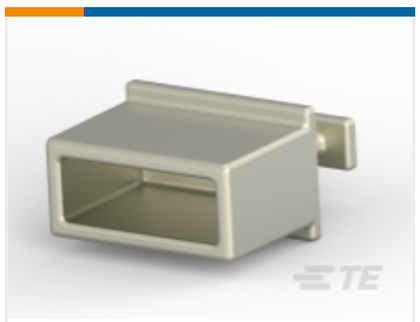
TE Part # CAT-X29-C76264
XFP Connectors



TE Part # CAT-X29-AC229
XFP Heat Sink

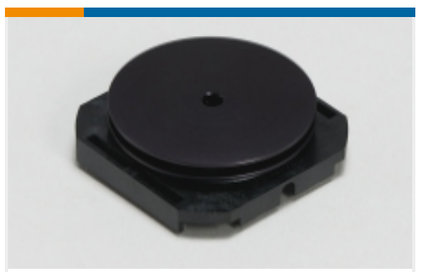


TE Part # 1542618-2
XFP MSA SAN APPLICATION



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

Also in the Series | XFP



Heat Sinks(4)



XFP(31)

Customers Also Bought



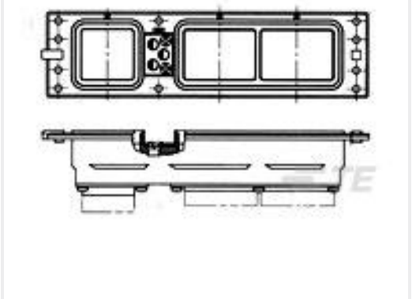
TE Part #1888481-1
XFP Cage Assemblies and Kits



TE Part #2132403-8
SFP+ Stacked Cage Assemblies



TE Part #YDTS20F17-35SN6149
D38999: Square Flange, 17-35 insert



TE Part #1484613-2
RECP ASSY, SZ 2, ARINC 600



TE Part #2307526-1
NECTOR M 7P SEALED SOCKET PCB CODE A



TE Part #1375870-3
RCPT ASSY,10 POS,VERT,0.8MM MI



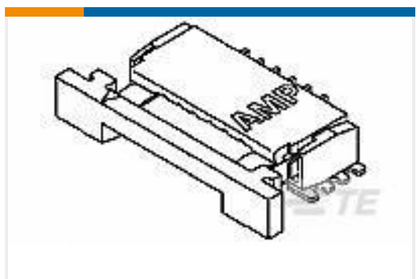
TE Part #2018878-1
ASSY, STG TI, 12 PR, 6 COL



TE Part #2286691-2
MICT,R/APLUG,76, ASY,.025,.062, STNDOFFS



TE Part #7-1617791-0
3SBM6004R2=4PDT 1/5 SIZE LATCHING RELAY



TE Part #487952-5
005 1MM FPC BTM HORZ

Documents

Product Drawings

XFP KIT W/CAGE, CLIP, HEAT SINK, SAN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1888481-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1888481-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1888481-2_C.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

Product Specifications

Product Specification

English