

#### SFP28 | XFP

TE Internal #: 2303075-2

XFP, Cage Assembly, Through Hole - Press-Fit Mount, 1 Port, 1 x 1, Pin, Heat Sink Height 6.5 mm [.255 in], Data Rate (Max) 10 Gb/s, XFP

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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

Heat Sink Style: Pin

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	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	Electroless Nickel
Cage Plating Material	Tin

Pin

Heat Sink Style



Heat Sink Height Class	SAN
Heat Sink Height	6.5 mm[.255 in]
	0.0 11111[.200 111]
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	64.03 mm[2.52 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	Yes
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: JUNE 2023 (235) 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

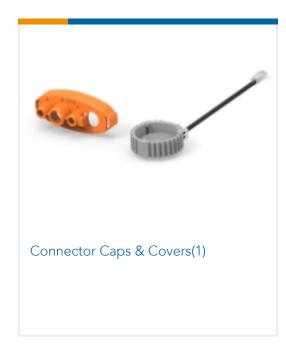
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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.

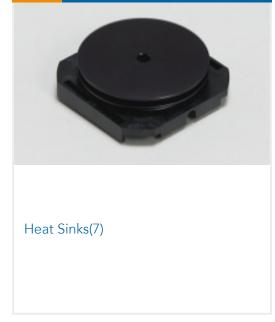
# Compatible Parts





# Also in the Series | XFP







# **Customers Also Bought**



















### **Documents**

# **Product Drawings**

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

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2303075-2\_1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2303075-2\_1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2303075-2\_1.3d\_stp.zip

English

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

**Product Specifications** 

**Application Specification** 

English