# 2170435-1 ✔ ACTIVE

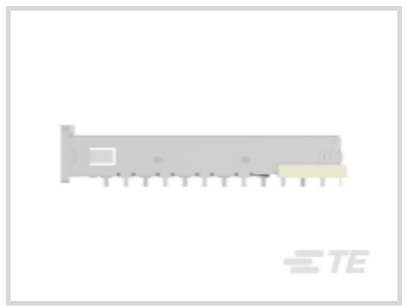
SFP28 | XFP

TE Internal #: 2170435-1

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

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 |
| Product Line | XFP |
| 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

| | |
|---|---|
| Cage Plating Material | Tin |

### Termination Features

| | |
|---|---|
| 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

| | |
|---|---|
| Length | 21.7 mm[.854 in] |
| Width | 65.53 mm[2.57 in] |
| Tail Length | 2.05 mm[.08 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>

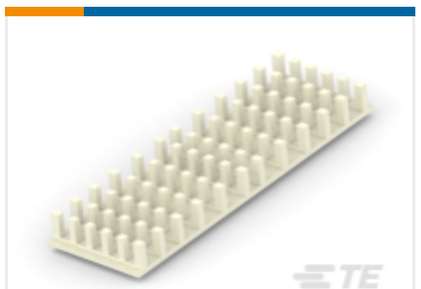
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211) |

| | |
|---|---|
| | Candidate List Declared Against: JUL 2017 (174)<br>SVHC > Threshold:<br>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.

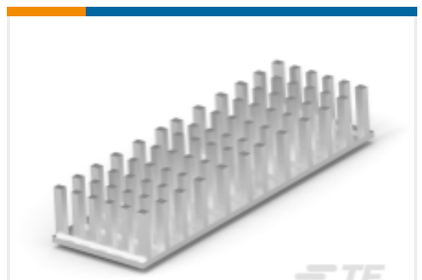
## Compatible Parts



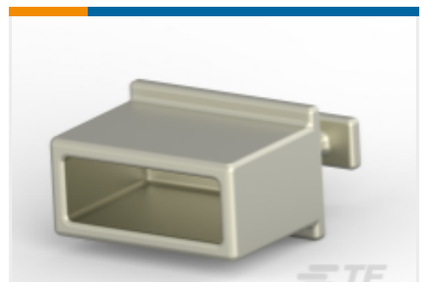
TE Part # 1542618-2
XFP MSA SAN APPLICATION



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

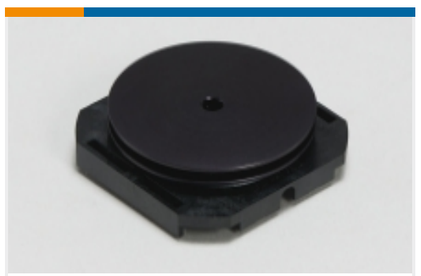


TE Part # 1963850-2
XFP. MSA HEATSINK 10mm TALL



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

## Also in the Series | XFP

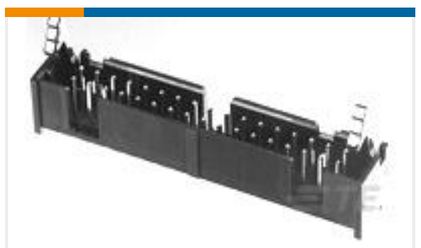


Heat Sinks(4)



XFP(31)

## Customers Also Bought



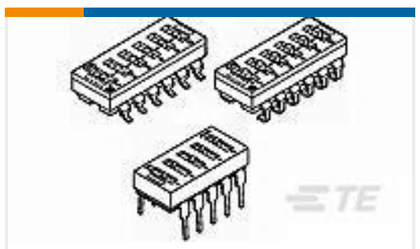
TE Part #1761606-7
IDC LOW PRO HDR 20P VERT LG LAT BLK



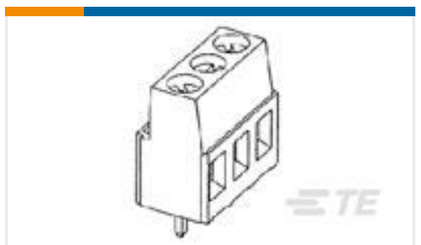
TE Part #1934218-1
Tin Man Recept Assy 5 pair 8 Column



TE Part #1761008-3
SFP 1X4 CAGE & LIGHT PIPE KIT



TE Part #1825360-3
ADE04A04=4POS DIP SWITCH



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



TE Part #1676702-2
RN 0805 48R7 0.1% 10PPM 1K RL



TE Part #1658894-2
SFP+ Stacked Cage Assemblies



TE Part #1761987-9
ReceptacleConnAssm38PosTape/Re



TE Part #2-1649328-8
RT334005



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