



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



Form Factor: **XFP**
Pluggable I/O Product Type: **Cage Assembly**
Sealable: **Yes**
Circuit Application: **Signal**
Operating Temperature Range: **-10 – 70 °C [14 – 158 °F]**

[All XFP Cage Assemblies and Kits \(22\)](#)

Features

Product Type Features

Cage Type	Single
Form Factor	XFP
Pluggable I/O Product Type	Cage Assembly
Sealable	Yes

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	10 Gb/s
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Body Features

Cage Plating Material	Tin
Primary Product Material	Aluminum

Contact Features



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

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	2.05 mm[.081 in]
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Mechanical Attachment

PCB Mounting Style	Double-Sided (Belly-to-Belly)
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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Cage Material	Copper Alloy
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Dimensions

Product Width	21.7 mm[.854 in]
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Product Length	65.53 mm[2.58 in]
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Usage Conditions

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

Heat Sink Compatible	Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

Included Lightpipe	No
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EMI Containment Feature Type	Elastomeric Gasket
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

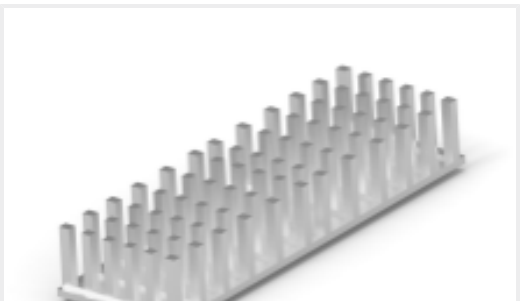
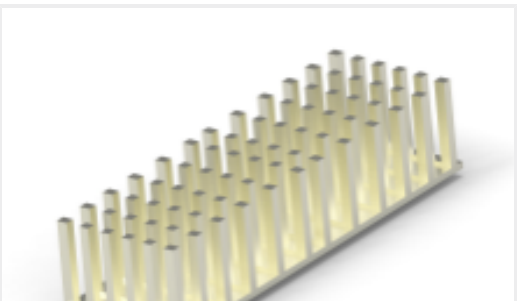
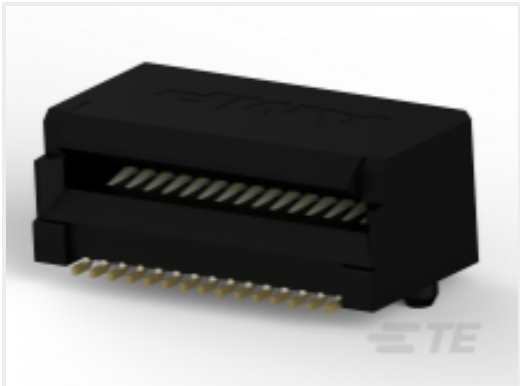
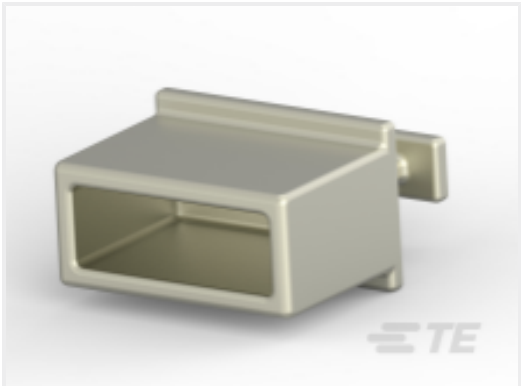
Solder Process Capability

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 # 1829905-2 HEAT SINK SFP DWDM 13.5mm TALL	 TE Part # 1829904-2 HEAT SINK SFP DWDM 6.5mm TALL	 TE Part # 1963850-2 XFP. MSA HEATSINK 10mm TALL	 TE Part # 1542706-3 XFP. MSA NETWORK APPLICATION H
 TE Part # CAT-X29-C76264 XFP Connectors	 TE Part # 1888810-2 EMI/Dust Cover,XFP And QSFP	 TE Part # 1542993-2 SFP HEATSINK 13.5MM TALL	 TE Part # 1367500-1 30 POSN XFP CONN, ENHANCED



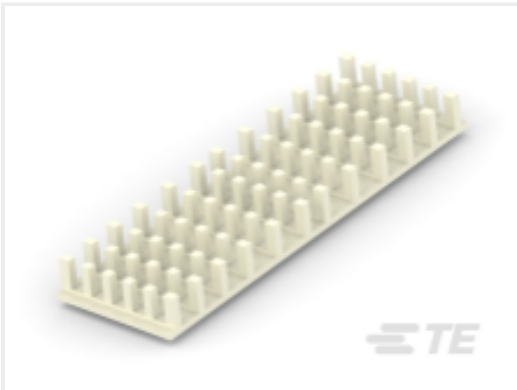
TE Part # 1489948-2
XFP HEAT SINK CLIP, PLATED



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



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

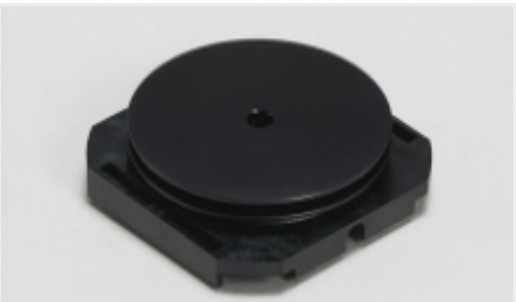


TE Part # 1542618-2
XFP MSA SAN APPLICATION

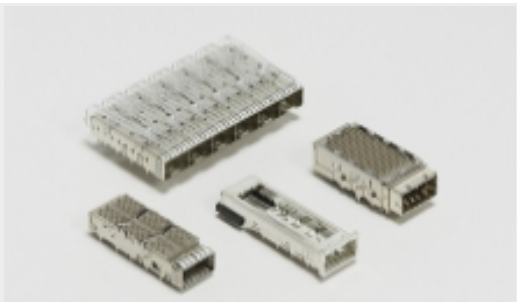
Also in the Series | XFP



Connector Caps & Covers(1)



Heat Sinks(8)



Pluggable IO Connectors & Cages(25)

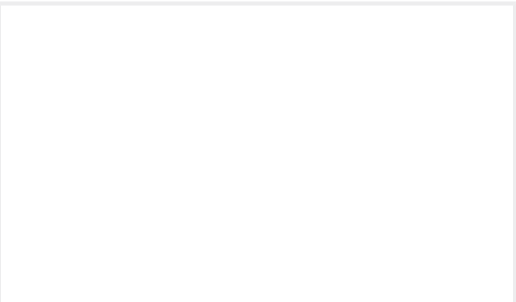


XFP(25)

Customers Also Bought



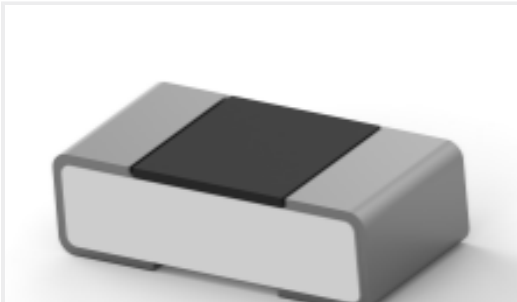
TE Part #6609117-5
6EGS1-1=F7863 S0



TE Part #1542656-4
XFP.MSA PCI APPLICATION HEATSI



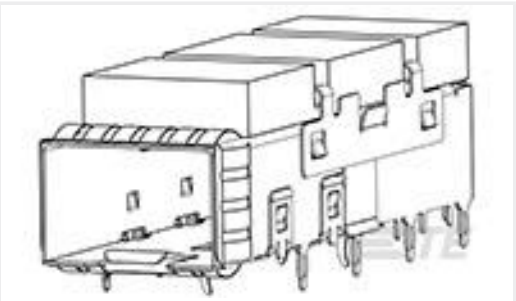
TE Part #2065769-1
Zd Plus 2 pair receptacle assy



TE Part #6-2176364-3
RQ 0402 20K5 0.1% 10PPM 5K RL



TE Part #120954-6
UPM EXPANDED PIN ASSEMBLY S,S,



TE Part #2170618-1
SFP+ 1X1 CAGE ASSY, HEATSINK SLUG



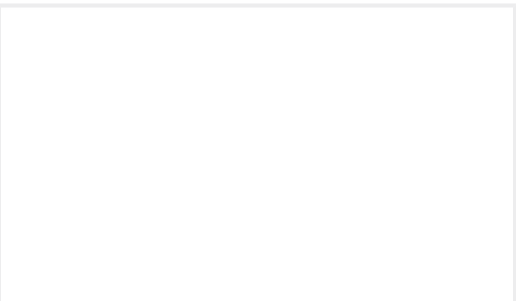
TE Part #1367645-6
DWDM Kit Assy, Networking (13.



TE Part #2170704-2
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #5786155-5
50 50SR VRT RCPT,LTCH,ACT PIN



TE Part #2274001-3
ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1489951-1_D.2d_dxf.zip

English

3D PDF

3D

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

1-1773717-7_PLUGGABLE_IO_QRG_CN

English

1-1773717-8_PLUGGABLEIO_QRG_TCN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English