

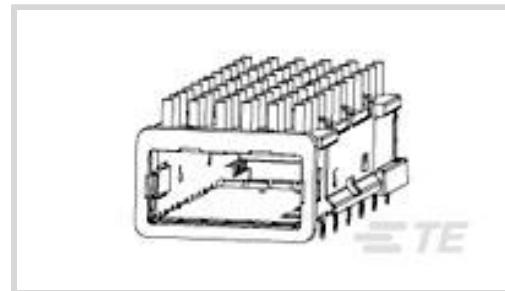
2170199-1

✓ ACTIVE

SFP28 | XFP

TE Internal #: 2170199-1

XFP, Cage Assembly, Sealable, Signal, Operating Temperature Range -10 – 70 °C [14 – 158 °F], Data Rate (Max) 10 Gb/s, 1 Ports

[View on TE.com >](#)[Connectors > Pluggable I/O 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

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.08 in]

Dimensions

Product Width	64.03 mm
	.854 in

Housing Features

Cage Material	Copper Alloy
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Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
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Body Features

Heat Sink Style	Pin
Cage Plating Material	Tin
Heat Sink Finish	Electroless Nickel
	.208 in
Heat Sink Height Class	SAN

Packaging Features

Packaging Method	Tray
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Operation/Application

Heat Sink Compatible	Yes
Circuit Application	Signal

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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Usage Conditions

Operating Temperature Range	-10 – 70 °C[14 – 158 °F]
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Other

Included Lightpipe	No
EMI Containment Feature Type	Elastomeric Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

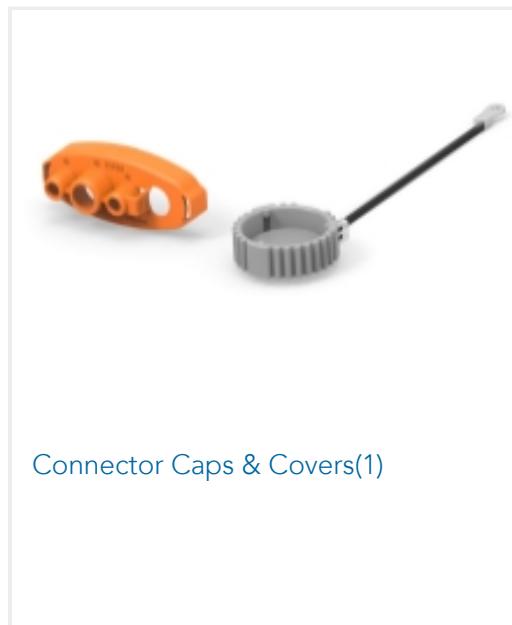
Product Compliance Disclaimer

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>

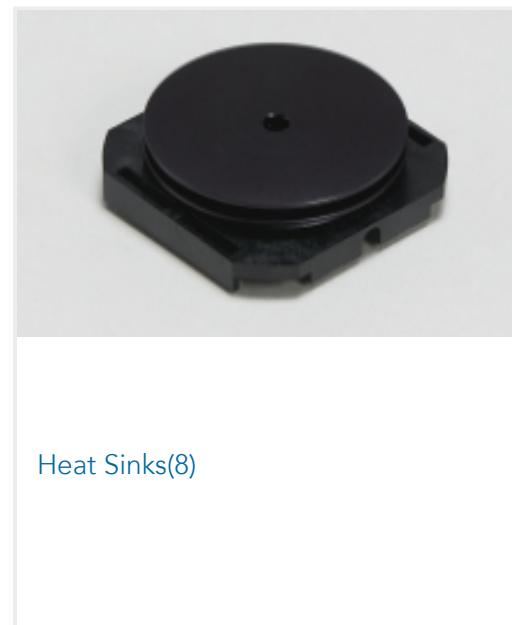
Compatible Parts



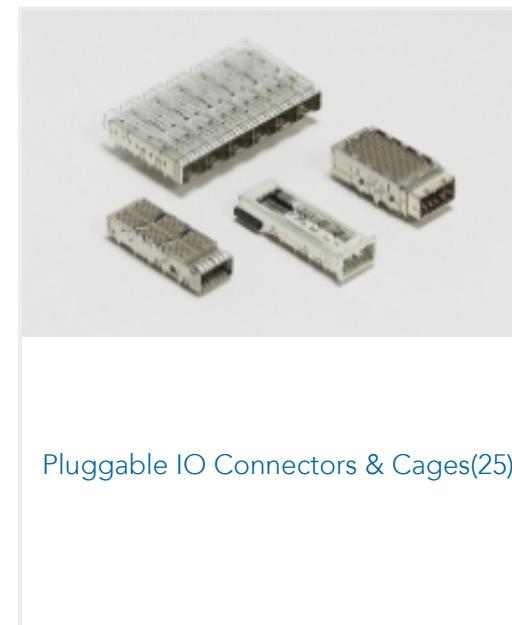
TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP

Also in the Series | **XFP**

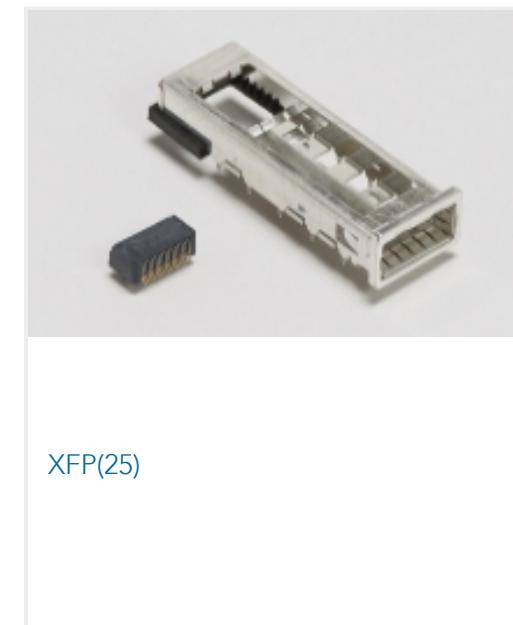
Connector Caps & Covers(1)



Heat Sinks(8)



Pluggable IO Connectors & Cages(25)



XFP(25)

Customers Also Bought



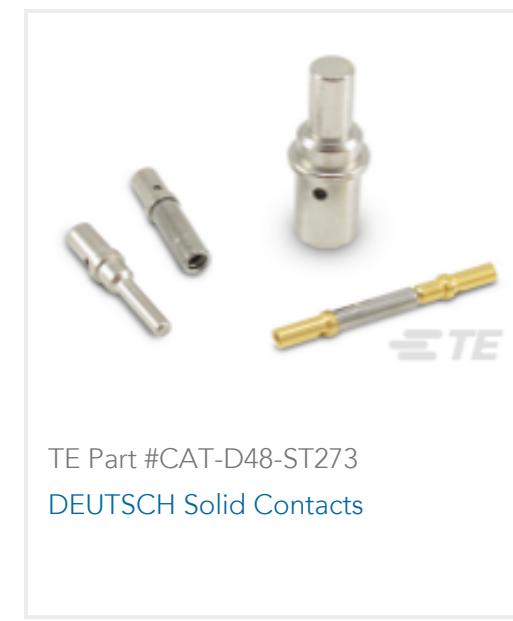
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

XFP KIT W/CAGE, CLIP, HEAT SINK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2170199-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170199-1_B.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170199-1_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English