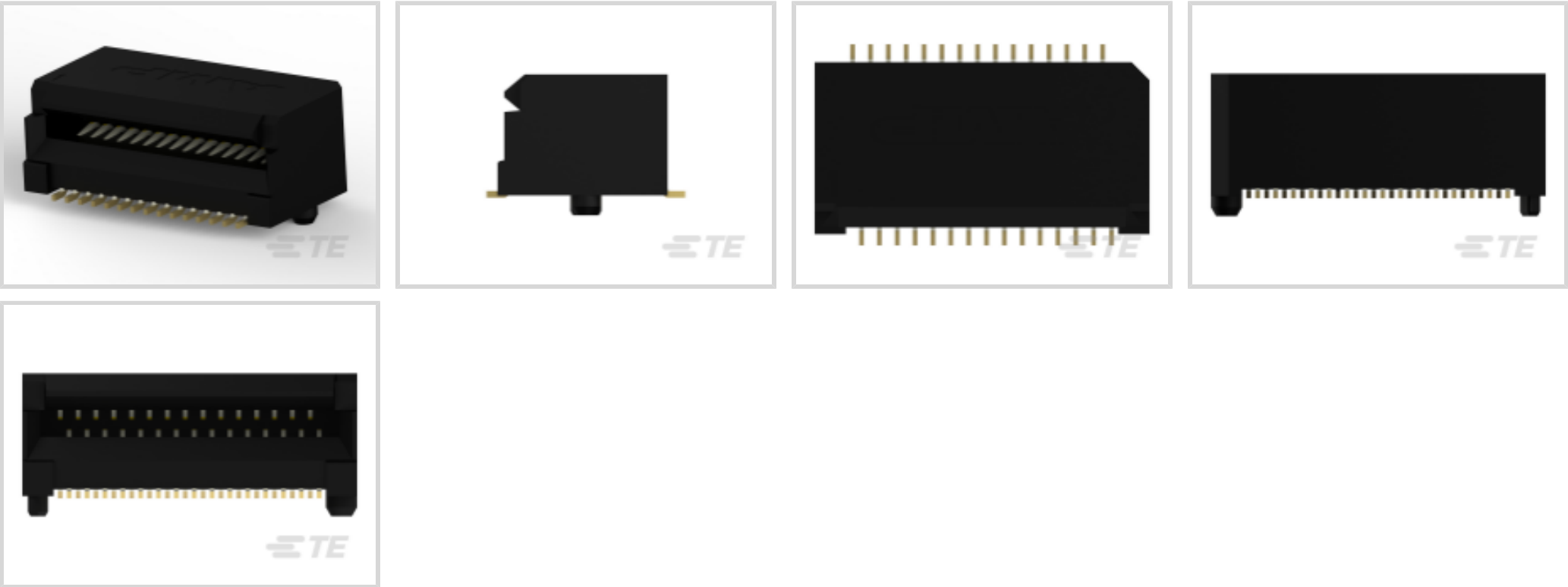




SFP28 | XFP

TE Internal #: 788862-2  
XFP, Connector, .8mm [.03in] Centerline, Signal, Operating Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 10 Gb/s, 30 Position  
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > XFP Connectors



Form Factor: **XFP**  
Pluggable I/O Product Type: **Connector**  
Centerline (Pitch): **.8 mm [ .03 in ]**  
Circuit Application: **Signal**  
Operating Temperature Range: **-55 – 85 °C [ -67 – 185 °F ]**

[All XFP Connectors \(2\)](#)

Features

Product Type Features

Form Factor	XFP
Pluggable I/O Product Type	Connector

Configuration Features

Number of Positions	30
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Electrical Characteristics

Data Rate (Max)	10 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]

Termination Features



Termination Method to PCB	Surface Mount
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Mechanical Attachment

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

Housing Material	LCP
Centerline (Pitch)	.8 mm[.03 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape
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Other

Included Lightpipe	No
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Reflow solder capable to 260°C

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 # CAT-X29-C1171XN  
[XFP Cage Assemblies and Kits](#)

Also in the Series | XFP

Connector Caps & Covers(1)

Heat Sinks(8)

Pluggable IO Connectors & Cages(25)

XFP(25)

Customers Also Bought

TE Part #1586588-4  
[4P VAL-U-LOK BMI VRT HDR V0](#)

TE Part #2057626-1  
[CFP External Bracket Assy](#)

TE Part #2308171-6  
[ZQSFP+ CAGE& CONN 2X2, EMI SPRING, BTB](#)

TE Part #CAT-SF59-C76264  
[SFP Connectors](#)



TE Part #5100147-1  
Z-PACK/A RAF 110P

TE Part #2201945-1  
RECEPTACLE ASSEMBLY, 5 PAIR, 8 COLUMN

TE Part #2170088-1  
ZSFP+ Connector, 30u"

TE Part #5223961-1  
TE UPM R/A Header 3P STD Power, LLL

TE Part #2363323-1  
2MM H.M. TYPE "A" PIN ASSY.

Documents

Product Drawings  
PT30 XFP CONNECTOR

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_788862-2\_E.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_788862-2\_E.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_788862-2\_E.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  
Application Specification

English

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English