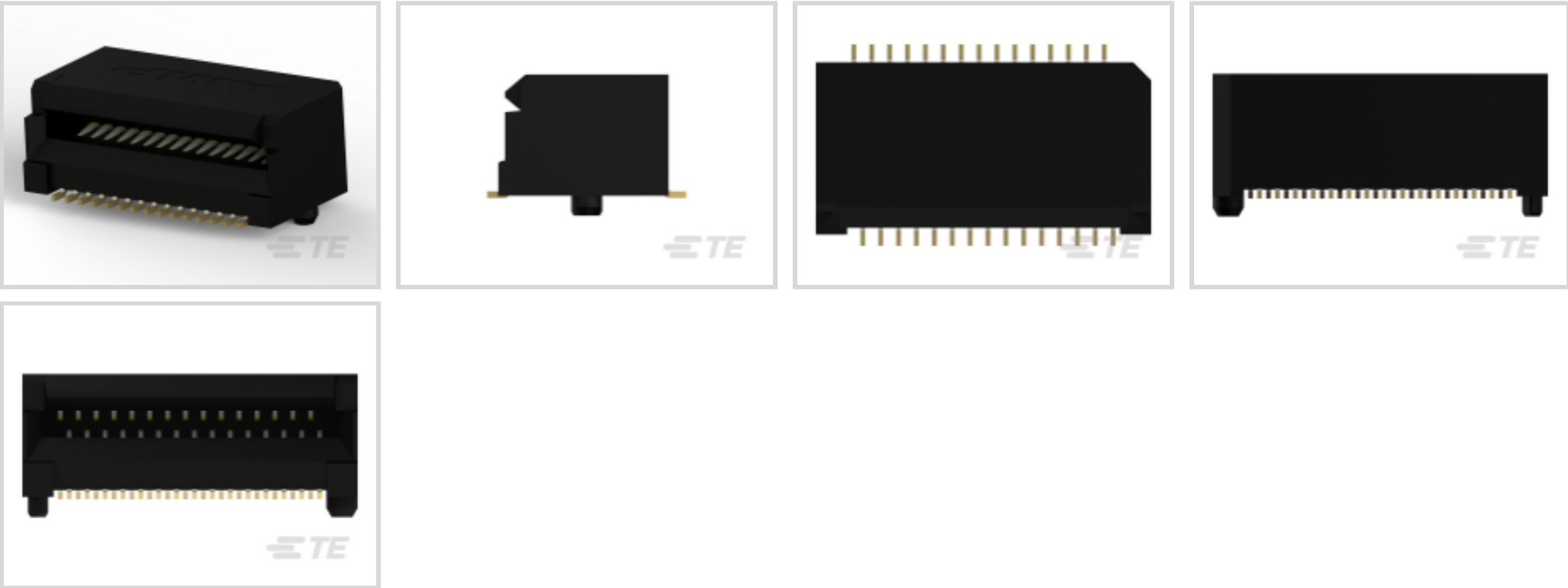




SFP28 | XFP

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



Pluggable I/O Product Type: **Connector**
Centerline (Pitch): **.8 mm [.03 in]**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**
Data Rate (Max): **10 Gb/s**

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

Features

Product Type Features

Pluggable I/O Product Type	Connector
Form Factor	XFP

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

Termination Features



Termination Method to PCB	Surface Mount
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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: 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	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)

Customers Also Bought

TE Part #2274001-1
[ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT](#)

TE Part #796859-3
[3 POS TERMI-BLOK PLUG RT ANGLE](#)

TE Part #34144
[PG R 22-16 COMM 22-18 MIL 6](#)

TE Part #2170088-1
[ZSFP+ Connector, 30u"](#)

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

TE Part #2227669-3
[zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X1](#)

TE Part #2201945-1
[RECEPTACLE ASSEMBLY, 5 PAIR, 8 COLUMN](#)

TE Part #2332485-1
[RA REC ASSY 4X4, 92OHM PIR WHISPER R](#)

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