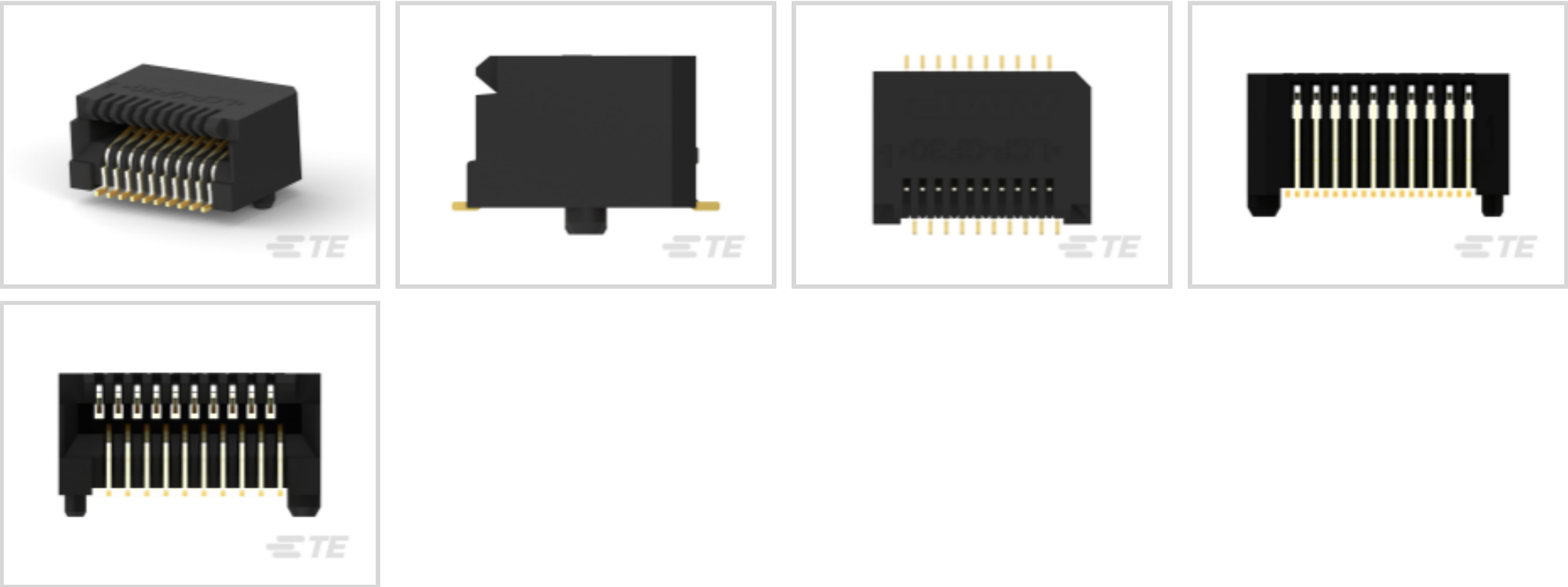




SFP28

TE Internal #: 1367073-1
SFP, Connector, .8mm [.031in] Centerline, Signal, Operating
Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 4 Gb
/s, 20 Position
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP Connectors



Pluggable I/O Product Type: **Connector**
Centerline (Pitch): **.8 mm [.031 in]**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

[All SFP Connectors \(10\)](#)

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	SFP

Configuration Features

Number of Positions	20
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Electrical Characteristics

Data Rate (Max)	4 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]

Termination Features



Termination Method to PCB	Surface Mount
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Housing Features

Centerline (Pitch)	.8 mm[.031 in]
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Usage Conditions

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

Pluggable I/O Applications	SFP
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Reel
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

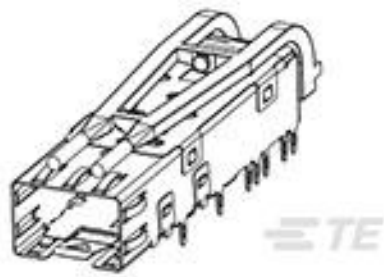
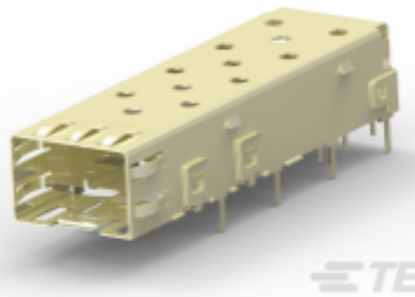
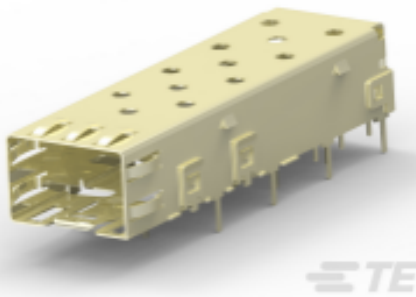
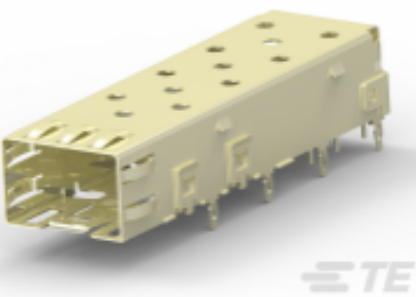
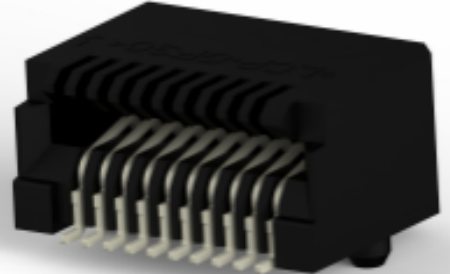
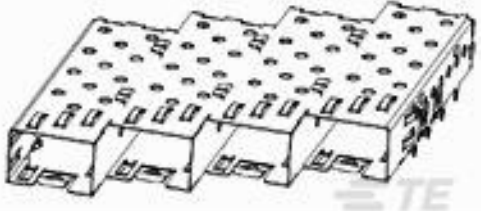
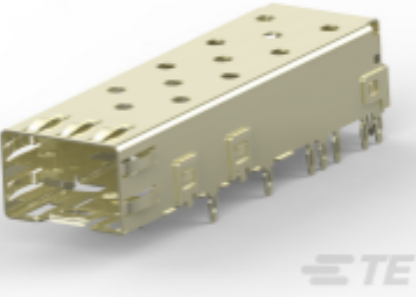
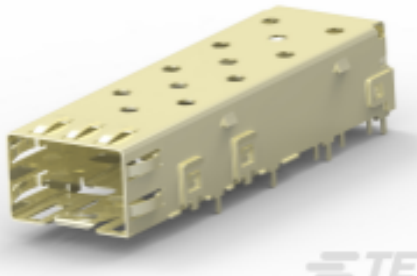
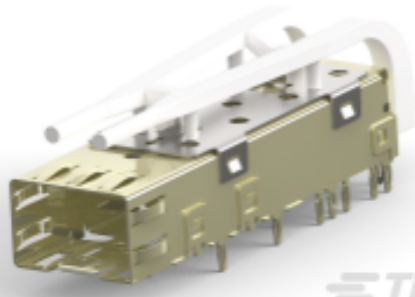
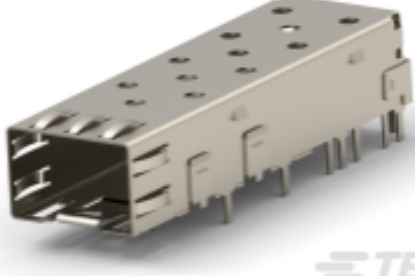
Product Compliance Disclaimer

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 # 2170614-1 cage assy, 20 press fit, sfp w	 TE Part # 2227303-1 CAGE ASSEMBLY, SFP, .140 SOLDE	 TE Part # 2227303-3 CAGE ASSEMBLY, SFP, .071 TAIL	 TE Part # 2227302-1 CAGE ASSY, PRESS FIT, SFP
 TE Part # CAT-SF59-C76264 SFP Connectors	 TE Part # 2170167-1 SFP 1X4 ANGLED CAGE ASSY, PRESS FIT	 TE Part # 2170080-1 SFP 1X6 CAGE ASSY, PRESS FIT	 TE Part # 2227023-1 CAGE ASSY PRESS FIT, SFP
 TE Part # 2227303-2 CAGE ASSEMBLY, SFP, .071 TAIL	 TE Part # 1367629-2 cage assy, 20 press fit, sfp w	 TE Part # 2227317-1 press fit cage assy, single with lp	

Customers Also Bought

 TE Part #3-641213-7 07P MTA100 HDR ASSY PO/ST LF	 TE Part #1551012-1 Vert.Male, Telcordia L3	 TE Part #1551099-1 Vert.Male, Telcordia Pre-post 1x	 TE Part #1623819-9 SBL4 R022 5%
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TE Part #1-1623819-2
SBL4 R047 5%

TE Part #1982738-1
Female Connector Telcordia

TE Part #2007829-1
IMP100S,H,V4P16C,RG,OEWS39,4.5

TE Part #2149974-3
IMP100S,H,V4P6C,UG,OEWS39,5.5

TE Part #2169797-4
IMP,Power,3PR,R/A,Hdr,5.7,6.9Tin

TE Part #2466092-4
SFP112 STACKED CAGE 2X1
ASSEMBLY

Documents

Product Drawings

20 POS SMT CONN, SFP, 15AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1367073-1_F3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1367073-1_F3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1367073-1_F3.3d_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 - SFP section

English

1-1773717-8_PLUGGABLEIO_QRG_TCN

English

1-1773717-7_PLUGGABLE_IO_QRG_CN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English



4-1773455-4 Quick Reference Guide SFP Solutions

English

Product Specifications

Application Specification

English

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English