



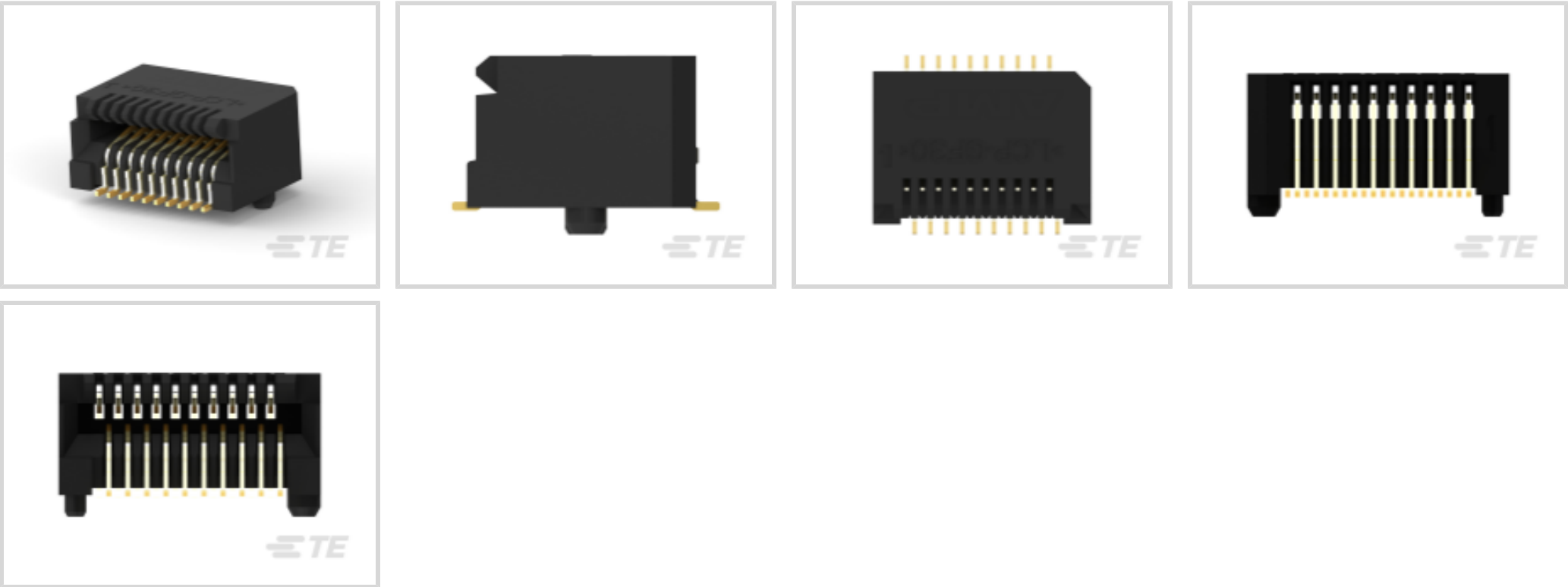
SFP28

TE Internal #: 1367073-1

SFP, Connector, .031in [.8mm] 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 Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A

Termination Features



Termination Method to Printed Circuit Board	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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

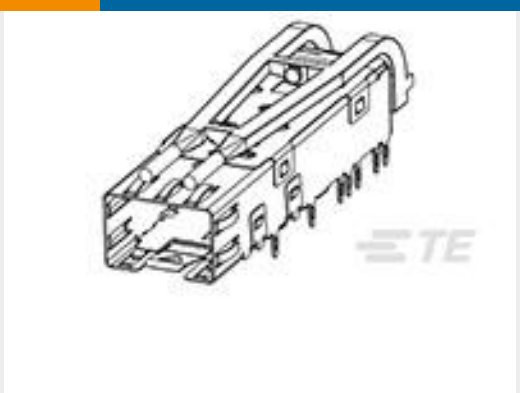
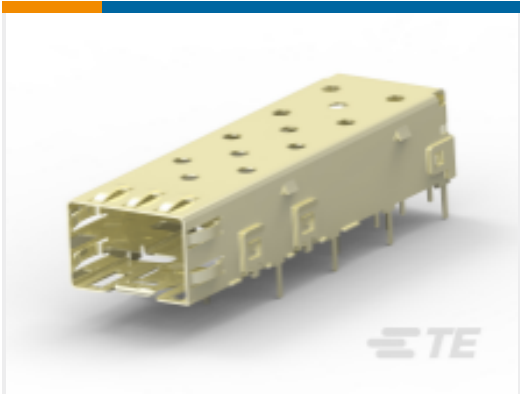
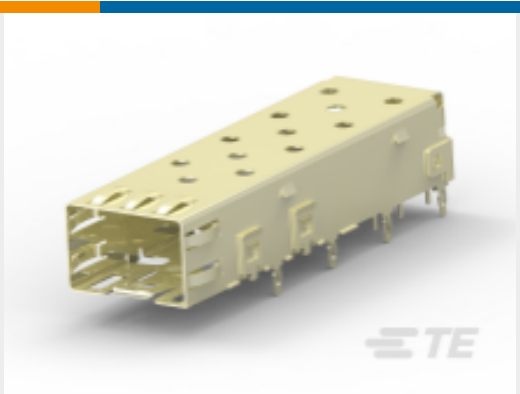
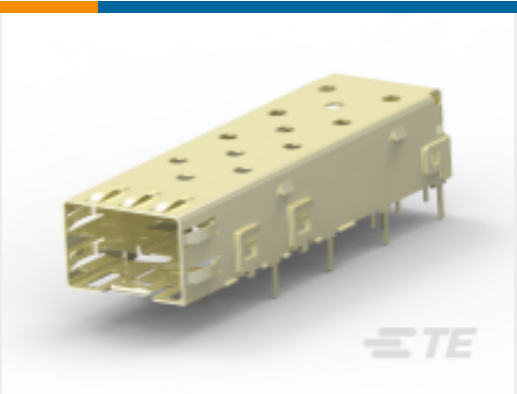
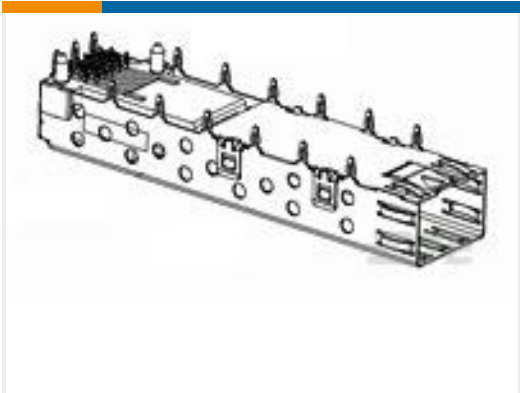
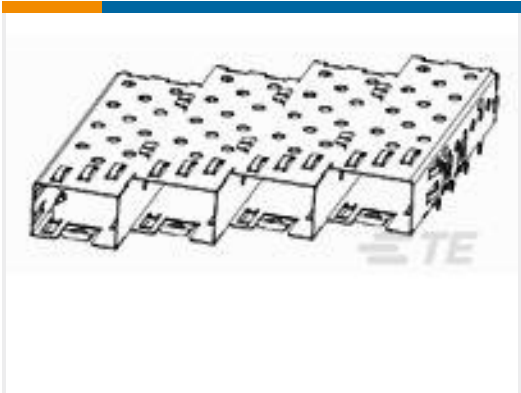
Product Compliance Disclaimer

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-SF59-C76264 SFP Connectors	 TE Part # 1367629-2 cage assy, 20 press fit, sfp w	 TE Part # 2170614-1 cage assy, 20 press fit, sfp w	 TE Part # 2227023-1 CAGE ASSY PRESS FIT, SFP
 TE Part # 2227303-1 CAGE ASSEMBLY, SFP, .140 SOLDE	 TE Part # 2227303-2 CAGE ASSEMBLY, SFP, .071 TAIL	 TE Part # 2227302-1 CAGE ASSY, PRESS FIT, SFP	 TE Part # 2227303-3 CAGE ASSEMBLY, SFP, .071 TAIL
 TE Part # 2170039-1 1X1SFP CAGE ASSY & PT CONNECTOR ASSY	 TE Part # 2170167-1 SFP 1X4 ANGLED CAGE ASSY, PRESS FIT	 TE Part # 2170080-1 SFP 1X6 CAGE ASSY, PRESS FIT	 TE Part # 2227317-1 press fit cage assy, single with lp
 TE Part # 2170166-1 SFP 1X4 ANGLED CAGE & LIGHT PI			

Customers Also Bought



TE Part # 1658391-2
SFP CAGE&PT ASSY PRESS FIT 2X1

TE Part # 3-647167-3
03P MTA100 HDR ASSY SM 15AU LF

TE Part # 2227303-1
CAGE ASSEMBLY, SFP, .140 SOLDE

TE Part # 5-1879215-5
CPF 0402 16K5 0.1% 25PPM 1K RL

TE Part # 1-2372484-3
PCIEG4,SMT,STRADDLE,98POS,
GOLD15u"

TE Part # 2327672-3
RECEPT ASSY, RA, 56 POS, SLIVER 2.0

TE Part # 2057760-2
IMP100S,H,V3P8C,UG,OEW46,4.9

TE Part # 2174507-3
MICRO USB, TYPE B

TE Part # 5-2227790-1
IMP100,S,H,V3P8C,LG,OEW46,SL

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

[1-1773717-7_PLUGGABLE_IO_QRG_CN](#)

English

[1-1773717-8_PLUGGABLEIO_QRG_TCN](#)

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English