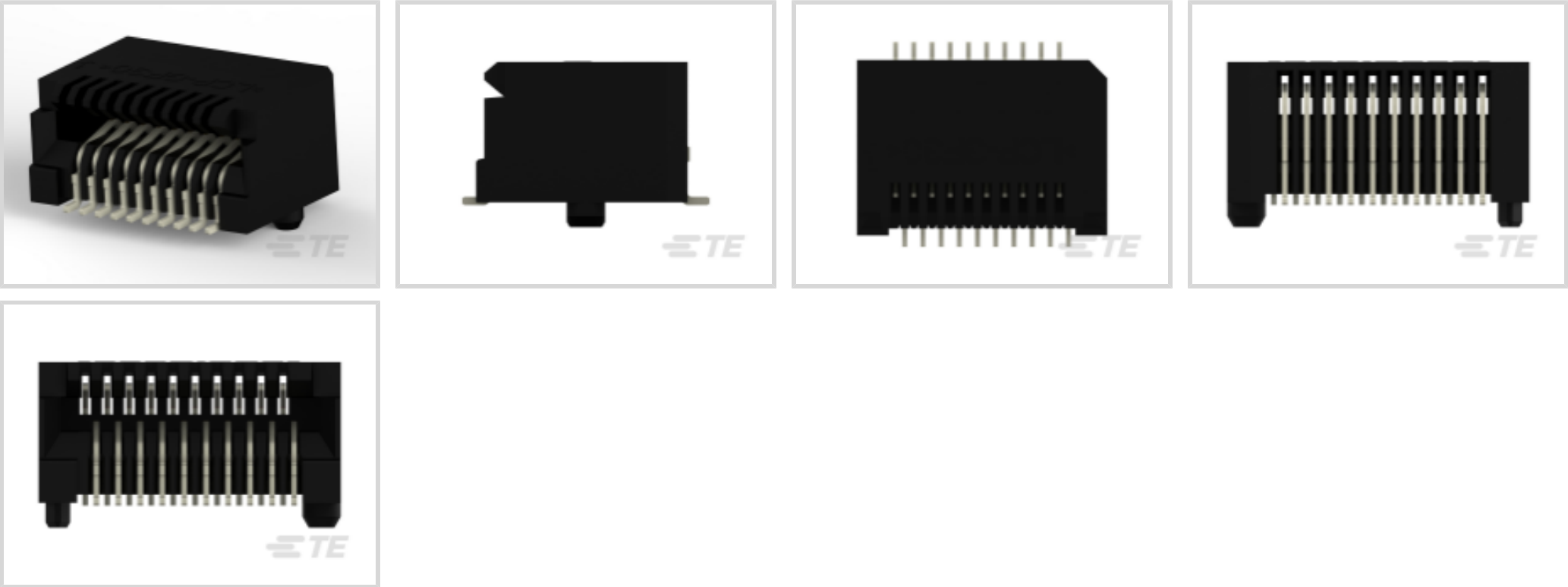




Connectors > Pluggable IO Connectors & Cages > SFP/SFP+/zSFP+



Form Factor: SFP+

Product Type: Connector

Data Rate (Max): 16 Gb/s

Pluggable I/O Applications: SFP

PCB Mounting Style: Surface Mount

Features

Product Type Features

Form Factor	SFP+
Product Type	Connector
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	20
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Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Contact Features

Contact Mating Area Plating 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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Mechanical Attachment

PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

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

For Use With Pluggable I/O Products	SFP+ Cage
Pluggable I/O Applications	SFP
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Reel
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Other

Comment	Lubricant on contact.
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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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Model / Part # 2127931-2 C/A, SFP+, GENERIC, 1.0M</p>	 <p>TE Model / Part # 2007250-1 SFP+ 1x6 Cage Assembly with Light Pipes</p>	 <p>TE Model / Part # 2007169-1 SFP 1x6 cage Assm Light Pipe, EMI gasket</p>	 <p>TE Model / Part # 2007180-1 SFP+ 1X2 CAGE ASSM/LIGHTPIPE, EMI GASKET</p>
 <p>TE Model / Part # 2007093-1 SFP+ EMI Shielded 1x4 Cage Assm /Light pipe</p>	 <p>TE Model / Part # 2007464-2 SFP+ 1x1 Cage Assy, PF, with Heatsink</p>	 <p>TE Model / Part # 2007178-1 SFP+ 1x4 Cage Assembly, Light</p>	 <p>TE Model / Part # 2007135-1 SFP+ 1x4 Cage Assembly w/ EMI gasket</p>
 <p>TE Model / Part # 2007132-1 SFP+ 1X4 Cage Assembly, Press-</p>	 <p>TE Model / Part # 2007262-1 SFP+ 1x2 Cage Assembly, Light</p>	 <p>TE Model / Part # 2007251-1 SFP+ 1x6 Cage Assembly</p>	 <p>TE Model / Part # 2007263-1 SFP+ 1x2 Cage Assembly</p>



TE Model / Part # 2007277-1
SFP+ 1x1 Cage Assy, PCI, PF, Heatsink



TE Model / Part # 2007254-1
SFP+ 1x1 Cage Assembly, Light Pipe



TE Model / Part # 2007464-3
SFP+ 1x1 Cage Assy, PF,with Heatsink



TE Model / Part # 2007464-1
SFP+ 1x1 Cage Assy, PF,with Heatsink



TE Model / Part # 2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail



TE Model / Part # 2007215-1
SFP+ 1x1 Cage Assy, PCI, Press



TE Model / Part # 6367035-1
SFP UPPER GUIDE RAIL



TE Model / Part # 2007193-1
SFP+ 1x1 Cage Assembly, PCI, S

Customers Also Bought



TE Model / Part #2007263-1
SFP+ 1x2 Cage Assembly



TE Model / Part #1489951-1
XFP CAGE ASSEMBLY



TE Model / Part #6469028-1
HM-ZD 2PR RECP 40P



TE Model / Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail



TE Model / Part #1-1469373-1
ATCA GUIDE MODULE RA FEMALE



TE Model / Part #6469001-1
HM-ZD 4PR RECP 80P



TE Model / Part #1761987-9
ReceptacleConnAssm38PosTape/Re



TE Model / Part #788862-1
PT30 XFP CONNECTOR



TE Model / Part #1551920-2
zQSFP+ connector assembly



TE Model / Part #2007198-1
SFP+ 1x1 Cage Assembly, Press-

Documents



Product Drawings

20 POS SMT CONN, SFP/SFP+, 15A

English

CAD Files

Customer View Model

ENG_CVM_CVM_1888247-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1888247-2_E.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1888247-2_E.2d_dxf.zip

English

3D PDF

3D

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

1773408-1 Pluggable Input/Output Solutions catalog - SFP+ section

English

4-1773455-4 Quick Reference Guide SFP Solutions

English

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

SFP+ Product Family: Cages, Connectors, Cable Assemblies 4-1773449-5

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1888247-2_08272018220_dmtec

English

MD_1888247-2_08272018220_dmtec

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