



TE Internal #: 2007194-1
 SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, External Springs, SFP+, 1 x 1, Through Hole - Solder Mount, 1 Port, Cable-to-Board

[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage**

Data Rate (Max): **16 Gb/s**

EMI Containment Feature Type: **External Springs**

Pluggable I/O Applications: **SFP+**

Included Lightpipe: **No**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Single
Pluggable I/O Product Type	Cage
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Number of Ports	1

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Contact Features

Tail Plating Material	Tin
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Termination Features



Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mounting Style	Through Hole - Solder
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Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Nickel Silver
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Dimensions

Tail Length	2.8 mm[.11 in]
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PCB Thickness (Recommended)	1.5 mm[.059 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Heat Sink Compatible	No
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For Use With Pluggable I/O Products	SFP+ SMT Connector
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Pluggable I/O Applications	SFP+
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Packaging Features

Packaging Method	Box & Tray, Tray
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Other

EMI Containment Feature Type	External Springs
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Included Lightpipe	No
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Comment	Meets requirements for PCI applications / EMI Holes
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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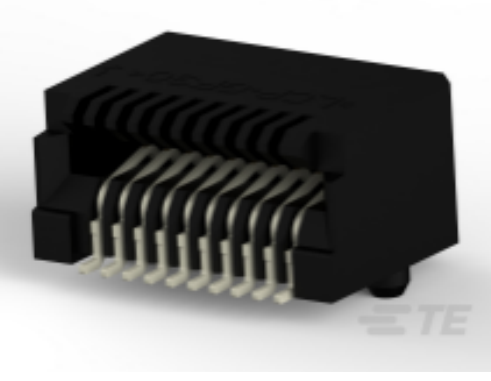











Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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Product Compliance Disclaimer

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 # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG	 TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG	 TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG
 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG	 TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG	 TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG
 TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG	 TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG




TE Part # 1367147-1
SFP COVER, UNPLATED



TE Part # 1367147-3
SFP COVER, UNPL, NO LOGO



TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED



TE Part # CAT-C11-H5
SFP+ to SFP+ I/O Cable Assembly: 24 AWG



TE Part # CAT-C11-H506
SFP+ to SFP+ I/O Cable Assembly: 26 AWG



TE Part # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



TE Part # 2057500-1
Light Pipe, Ganged SFP+



TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M

Customers Also Bought



TE Part #7-1393788-3
V23079F1101B301



TE Part #350830-4
15P UMNL HDR ASSY PC 94VO LF




TE Part #2007194-2
SFP+ 1x1 Cage Assembly, PCI, Solder Tail



TE Part #DRC20-50P02
DEUTSCH DRC HEADERS



TE Part #DRC26-50S02
PLG, 50P, BLK, N, 02



TE Part #8-1768044-6
STD12W-EARTH



TE Part #6-353080-2
D5 V-HDR ASSY 2P TAIL LENGTH 4



TE Part #1-2176089-0
RP 1J 0.166W 13K3 0.1% 25PPM 1K RL



TE Part #2-1624094-5
3613C 0.68UH 20%

Documents



Product Drawings

[SFP+ 1x1 Cage Assembly, PCI, Solder Tail](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2007194-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2007194-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2007194-1_B.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

[SFP+ Product Family: Cages, Connectors, Cable Assemblies 4-1773449-5](#)

English

[4-1773455-3 - Quick Reference Guide SFP+ Solutions](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[MD_2007194-1_022020182213_dmtec](#)

English

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English
