



Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

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

Features

Product Type Features

Cage Type	Single
Form Factor	SFP+
Pluggable I/O Product Type	Cage
Sealable	No

Configuration Features

Lightpipe Style	Standard
Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.081 in]

Housing Features

Cage Material	Nickel Silver
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Dimensions

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

Pluggable I/O Applications	SFP+ Enhanced
Heat Sink Compatible	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M,
30AWG



TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30
AWG



TE Part # 2142970-7
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 6M



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



TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M,
32AWG



TE Part # 2142970-4
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 3M



TE Part # 2142970-2
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 1M



TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26
AWG



TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M,
26AWG



TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly:
30 AWG



TE Part # 2142970-3
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 2M



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 # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly:
26 AWG



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



TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG



TE Part # 2142970-6
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 5M



TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD
SFP+, 4M



TE Part # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30
AWG



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

Customers Also Bought



TE Part #2-2176477-6 RA73F 2A 1K0 0.1% 1K RL	TE Part #5-146282-1 01 MODII HDR SRST B/A .100CL	TE Part #5-146276-3 03 MODII HDR SRST B/A .100CL	TE Part #6-2176230-2 3522 100K 5% 3W
TE Part #2016694-4 RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM	TE Part #2-1879350-9 RR01 5% 3R3 AMMO	TE Part #2-1879464-9 RL73H 2H R18 1% 1K RL	TE Part #5-146276-6 06 MODII HDR SRST B/A .100CL
TE Part #ANT-W63WS4-SMA Antenna Blade Wifi6 Swivel SMA	TE Part #1-2842244-4 14P,2MM,SHRD HDR,DRV T,SMD,0.1 AU,TB W/CP		

Documents

Product Drawings

SFP+ 1x1 Cage Assembly,w/ Light Pipe

English

CAD Files

Customer View Model

ENG_CVM_CVM_2170193-1_1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170193-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170193-1_1.3d_stp.zip

English

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Product Specifications



Application Specification

English