



Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **Yes**

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

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

Features

Termination Features

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

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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Operation/Application

Pluggable I/O Applications	SFP+ Enhanced
Heat Sink Compatible	Yes

Housing Features

Cage Material	Nickel Silver
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Packaging Features

Packaging Method	Tray
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Product Type Features

Cage Type	Ganged
Form Factor	SFP+
Pluggable I/O Product Type	Cage
Sealable	Yes

Configuration Features

Number of Ports	2
Port Matrix Configuration	1 x 2



Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Usage Conditions

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

Included Lightpipe	No
EMI Containment Feature Type	Elastomeric Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	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 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



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



TE Part # 2007182-2
SFP 1x2 Light Pipe Assy, Reduced Length



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 # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG



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



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



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



TE Part # 2110759-1
PT CONN ASSY 20 POS 16G SFP



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



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



TE Part # 2007182-1
SFP Standard 1x2 Light Pipe Assm



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



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



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



TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # 2007182-3
SFP 1x2 Light Pipe Assy, Reduced Length



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

Customers Also Bought



Documents

Product Drawings

[SFP+ Enhanced 1x2 Cage, Heatsink Opening](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2180900-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2180900-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2180900-1_A.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English