



Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Circuit Application: **Signal**

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

Features

Product Type Features

Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Form Factor	SFP+
Pluggable I/O Product Type	Cage Assembly
Sealable	No

Configuration Features

Lightpipe Style	Reduced Length
Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Body Features

Heat Sink Style	Pin
Heat Sink Height	13.5 mm[.531 in]
Heat Sink Height Class	Networking Tall

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)	2.25 mm[.089 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	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Package
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Other

Included Lightpipe	Yes
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 # 2185251-4
STG TL SFP+ ENHANCED 1X4 HS LP

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

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

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

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

Customers Also Bought



TE Part #5406552-1
INV MJ,1X4,PNL GRD, LED (G/Y)



TE Part #001-0012
ANTENNA,2,4/5.5 GHz Dipole,IP67



TE Part #6116522-1
INV MJ,1X2,PNL GRD,SHLD



TE Part #CAT-EMIG-0009
D-Sub Conn Gaskets for RFI/EMI Shielding



TE Part #2344655-8
PCB ANT, MHF 4, 200mm, Wi-Fi TRIPLE BAND



TE Part #5646956-1
UPM EXPANDED PIN ASSEMBLY



TE Part #5227161-7
RTANG JACK W/MTG PINS, BNC PCB



TE Part #1-338168-2
9POL HDP20 PLUG



TE Part #5748270-2
FEMALE SCREWLOCK,ZN PLTD

Documents

Product Drawings

SFP+ Enhanced 1x4, Net Heatsink, LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198233-4_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2198233-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2198233-4_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English