



Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **Yes**

Circuit Application: **Signal**

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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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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Housing Features

Cage Material	Nickel Silver
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Body Features

Heat Sink Style	Pin
Heat Sink Height	4.2 mm[.165 in]
Heat Sink Height Class	PCI

Packaging Features

Packaging Method	Box
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Operation/Application

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

Product Type Features

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Cage Type	Single
Thermal Accessory Type Included	Heat Sink
Form Factor	SFP+
Pluggable I/O Product Type	Cage Assembly
Sealable	Yes

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

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 # 2057500-1  
Light Pipe, Ganged SFP+

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

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

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

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

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



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



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



TE Part # CAT-C11-N49011  
SFP28 to SFP28 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 # 4-2334985-2  
SFP56 DIRECT ATTACH CA, 1M, 32AWG



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

Customers Also Bought



TE Part #6-2213362-2  
RCPT ASSY, DIMMABLE PHOTOCONTROL, 150C, 3 P



TE Part #2132529-3  
IMP100S, H, V3P6C, LG, REW39, 5.5



TE Part #5-1375870-4  
RCPT ASSY, 12 POS, VERT, 0.8MM MI



TE Part #2-6450880-4  
MBXLE R/A RCPT 4P16S4P



TE Part #1-1871058-5  
PCI EXPRESS CONN. EON TYPE, 280P, L=3.25



TE Part #1-2170287-1  
1X4 CAGE ASSEMBLY, QSFP, SINGLE SQ LP



TE Part #1734100-3  
Champ050 series, 30pos, Au over PdNi



TE Part #1734101-3  
Champ050 series, 30pos, Au over PdNi



TE Part #1934949-1  
Tinman 5pr 8col vert rcpt 15mm stack



TE Part #2007808-2  
IMP100S, H, V4P10C, LG, OEW46, 4.9

Documents



Product Drawings

SFP+ 1x1 Enhanced, Gasket, Press-fit

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2057085-5\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2057085-5\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2057085-5\_B.3d\_stp.zip

English

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Product Specifications

Application Specification

English