



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

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Body Features

Heat Sink Style	Slug
Heat Sink Finish	Electroless Nickel
Heat Sink Height	3.5 mm[.137 in]
Heat Sink Height Class	Custom

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3 mm[.118 in]



Housing Features

Cage Material	Nickel Silver Alloy
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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+
Heat Sink Compatible	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Tray
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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	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

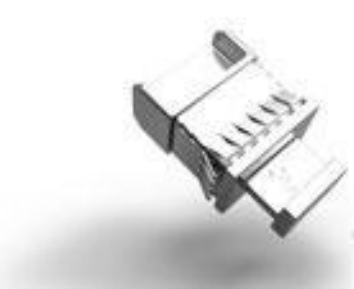
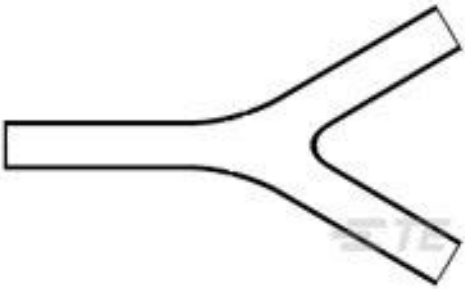




will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH 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

 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>	 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>
 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>
 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>	 <p>TE Part # 2821033-8 QSFP TO [4]SFP+, 28G, 1M, 33AWG</p>	 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>	

Customers Also Bought

 <p>TE Part #1888901-1 SFP+ EMI Plug</p>	 <p>TE Part #462389-000 381A302-51/164-0</p>	 <p>TE Part #5-1462037-9 IM43GR=IM RELAY 100mW 5V BIS</p>	 <p>TE Part #5748873-1 AMP III PLUG 25P RA 590 THD IN</p>
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TE Part #6-1617813-3
TD229-5003P= TDFR 500 S M83726/29-5003P



TE Part #4-1614964-4
CPF 1206 22R 0.1% 25PPM 1K RL



TE Part #1-2176070-5
3521 39R 1% 2W



TE Part #1825096-4
TPA11CGRA004



TE Part #1462051-2
HF3 53 = 50OHM 140MW 5V MONO



TE Part #1-2842102-0
10P,2MM,BRK HDR,SRVT,SMD,0.1AU, TR W/CAP

Documents

Product Drawings

SFP+ 1X1 CAGE ASSEMBLY AND CONN, PRESS-F

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2299056-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2299056-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2299056-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English