



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

Termination Features

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

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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Housing Features

Cage Material	Nickel Silver Alloy
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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

Packaging Features

Packaging Method	Tray
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Operation/Application

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

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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Usage Conditions

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

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
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 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 # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG




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




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




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




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



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

Customers Also Bought



TE Part #T4133012041-000
M12,FRONT MOUNT,FEMALE,A,4P, SOLDER WIRE



TE Part #2-1462052-0
HF6 96=50OHM140MW 12V BIST 2COIL



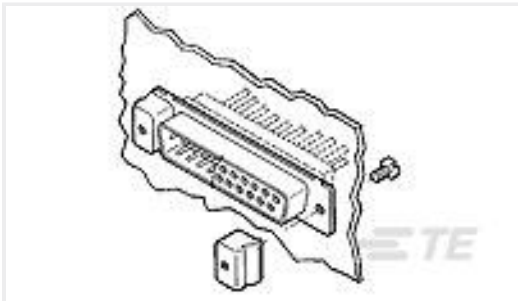
TE Part #3-1879021-1
SMW3 1R8 5%



TE Part #2000713-6
RA Keyed Guide Mod, Vita 46, Machined



TE Part #1888901-1
SFP+ EMI Plug



TE Part #208101-2
LATCH BLOCK SZ 1-4 (BULK PAK)



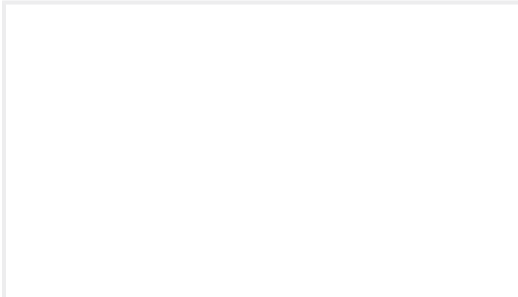
TE Part #6116317-6
2X8 OFFSET STK MJ,SHLD,LED(Y&G)



TE Part #8-1879134-2
RN 0603 68K1 0.1% 10PPM 1K RL



TE Part #5677902003
RNF-3000-1.5/0.5-X-STK



TE Part #114618-ZZ
SEAL, INTF, 18SZ, RED-ORG, HD30 /HDP

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