TE Internal #: 2198235-3

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+ Enhanced, Not Optional, 1 x 6,

Through Hole - Press-Fit

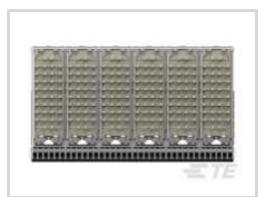
View on TE.com >



Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+











Pluggable I/O Product Type: Cage Assembly

Data Rate (Max): 16 Gb/s

EMI Containment Feature Type: Internal/External EMI Springs

Pluggable I/O Applications: SFP+ Enhanced

Lightpipe Options: Not Optional

Features

Product Type Features

Form Factor	SFP+
Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Port Matrix Configuration	1 x 6
Number of Ports	6
Electrical Characteristics	
Data Rate (Max)	16 Gb/s

Body Features



Heat Sink Height Class	Networking Short
Heat Sink Height	9.1 mm[.358 in]
Heat Sink Style	Pin
Termination Features	
Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Cage Material	Nickel Silver
Dimensions	
PCB Thickness (Recommended)	2.25 mm[.089 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+ Enhanced
Circuit Application	Signal
Packaging Features	
Packaging Method	Box & Tray, Package
Other	
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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233)



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



TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG



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



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



TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG



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



TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 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 # 4-2334985-2

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







TE Part # CAT-C11-H5

SFP+ to SFP+ I/O Cable Assembly: 24

AWG



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



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



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



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



TE Part # 2142970-3 CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M

Customers Also Bought



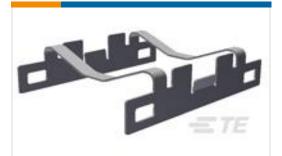
TE Part #5787962-1
.8MM CHAMP STACK RCPT ASSY



TE Part #2170703-7 CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part #2007198-2 SFP+ 1x1 Cage Assembly, Press-Fit



TE Part #2007304-1 Heat sink Clip QSFP

TE Part #1-2334644-1 HEAT SINK CLIP QSFP28/QSFP_DD TE Part #1-2338987-2 QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP TE Part #1645680-1
ZP HS3 DB 06R REC 030P RE PD

TE Part #1645681-1
ZP HS3 DB 06R REC 030P LE PD

TE Part #1888250-7 Low Profile RJ45,1x1,Bi-color TE Part #2216143-6
TABLE TOP

Documents



Product Drawings

SFP+ Enhanced 1x6, Networking Heatsink

English

CAD Files

Customer View Model

ENG_CVM_CVM_2198235-3_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198235-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2198235-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English