1-2007637-6 ✔ ACTIVE

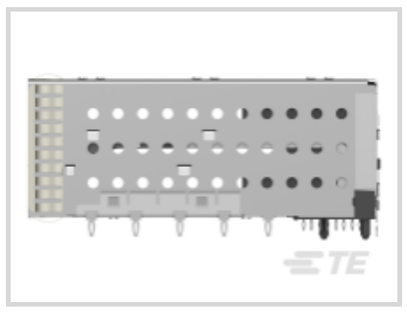
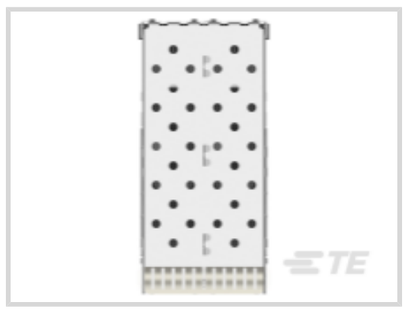
SFP28

TE Internal #: 1-2007637-6

SFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > SFP+ Stacked Cage Assemblies

Form Factor: **SFP+**

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **No**

Circuit Application: **Signal**

All SFP+ Stacked Cage Assemblies (73)

Features

Industry Standards

UL Flammability Rating	UL 94V-0

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]

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm

Packaging Features

Packaging Method	Package

Operation/Application

Pluggable I/O Applications	EMI Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

Housing Features

Cage Material	Nickel Silver
Centerline (Pitch)	.8 mm[.032 in]

Product Type Features

Cage Type	Stacked
Form Factor	SFP+
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No

Configuration Features

Number of Positions	80
Number of Ports	4
Port Matrix Configuration	2 x 2

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Usage Conditions

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

Other

Included Lightpipe	Yes
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	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 # 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

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

TE Part # CAT-C11-H5
SFP+ to SFP+ I/O Cable Assembly: 24 AWG

TE Part # CAT-C11-H506
SFP+ to SFP+ I/O 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 # 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

Customers Also Bought

TE Part #5179031-1
0.8FH,P08H.5,040,08/Sn,TU

TE Part #2227580-1
1X1 R/A ASSY, MINI SAS HD INTERNAL

TE Part #3-5177986-2
0.8FH,P08H.5,060,08/Sn,TR,SC

TE Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail

TE Part #2-2013297-1
EMBOSS TAPE DDR3 204P 8H STD

TE Part #641828-1
08P UMNL PIN HDR ASSY 94VO

TE Part #826947-5
5P MOD2 STIFT LEI

TE Part #4-640443-0
10P MTA100 CONN ASSY GRN

TE Part #2227669-2
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X1

TE Part #354080-E
SMCQ 32 F AB VV 7-03 CL * 0007 137 E002

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2007637-6_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2007637-6_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2007637-6_F.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English