1-2007394-6 ✔ ACTIVE

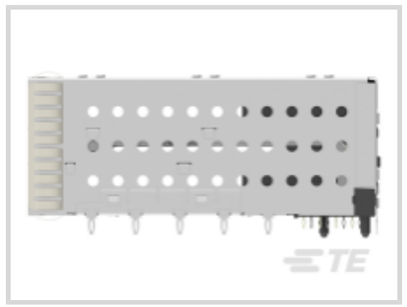
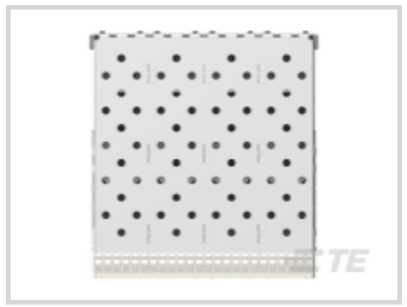
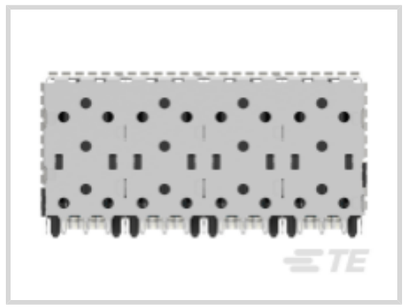
SFP28

TE Internal #: 1-2007394-6

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


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

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

Sealable: **No**

Circuit Application: **Signal**

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

All SFP+ Stacked Cage Assemblies (73)

Features

Product Type Features

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

Housing Features

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

Operation/Application

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

Usage Conditions

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

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Configuration Features

Number of Positions	160
Number of Ports	8
Port Matrix Configuration	2 x 4

Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

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]

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

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



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



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



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



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



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



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



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



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



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



TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



TE Part # 2142970-6
CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #W2S
Wedgelocks: DEUTSCH DT



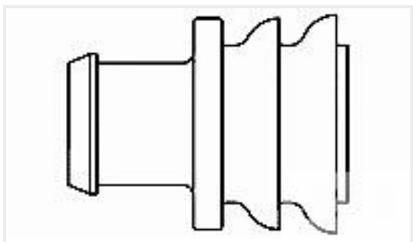
TE Part #0460-202-16141
DEUTSCH Solid Contacts



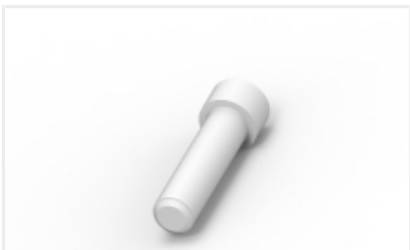
TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

SFP+ assy2x4 EMI Spg Inner LP Sn Enhance

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2007394-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2007394-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2007394-6_E.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