



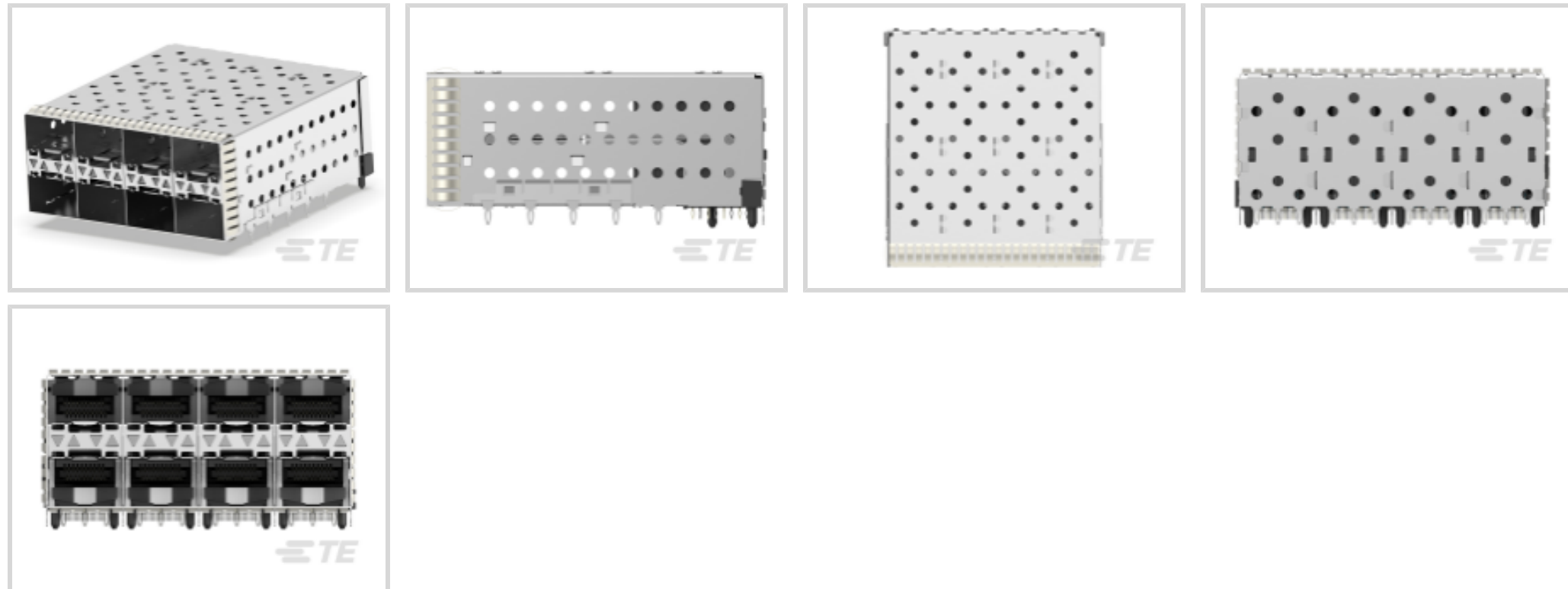
SFP28

TE Internal #: 1-2007394-5

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 \(122\)](#)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Data Rate (Max)	16 Gb/s
-----------------	---------

Contact Features

Tail Plating Material	Tin
-----------------------	-----



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

Termination Features

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Tray
------------------	------

Other

Included Lightpipe	Yes
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 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 # 2007182-1
SFP Standard 1x2 Light Pipe Assm





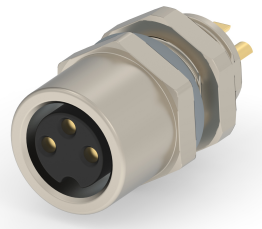

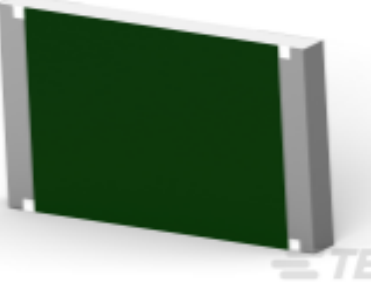
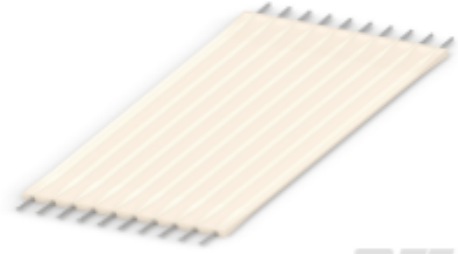


TE Part # 2007182-3
SFP 1x2 Light Pipe Assy, Reduced Length



 <p>TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG</p>	 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>	 <p>TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 AWG</p>
 <p>TE Part # 2007182-2 SFP 1x2 Light Pipe Assy, Reduced Length</p>	 <p>TE Part # 2142970-1 CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M</p>	 <p>TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M</p>	 <p>TE Part # 2142970-3 CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M</p>

Customers Also Bought

 <p>TE Part #874333-000 202K142-100/180-0</p>	 <p>TE Part #1658613-4 09 POS HDF PLUG, MS, LEAD FREE</p>	 <p>TE Part #2201855-1 MINI I/O PLUG KIT TYPE I L</p>	 <p>TE Part #1-2201855-1 MINI I/O PLUG KIT TYPE II L</p>
 <p>TE Part #T4033014031-000 M8.FMLE.PNLFRONT.3POS.STR</p>	 <p>TE Part #2007251-1 SFP+ 1x6 Cage Assembly</p>	 <p>TE Part #3-2176406-2 3560 20R 1%</p>	 <p>TE Part #1474654-7 FSN-23A-10</p>

Documents

Product Drawings

SFP+assy 2x4 Spring Fingers 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2007394-5_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-2007394-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2007394-5_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