



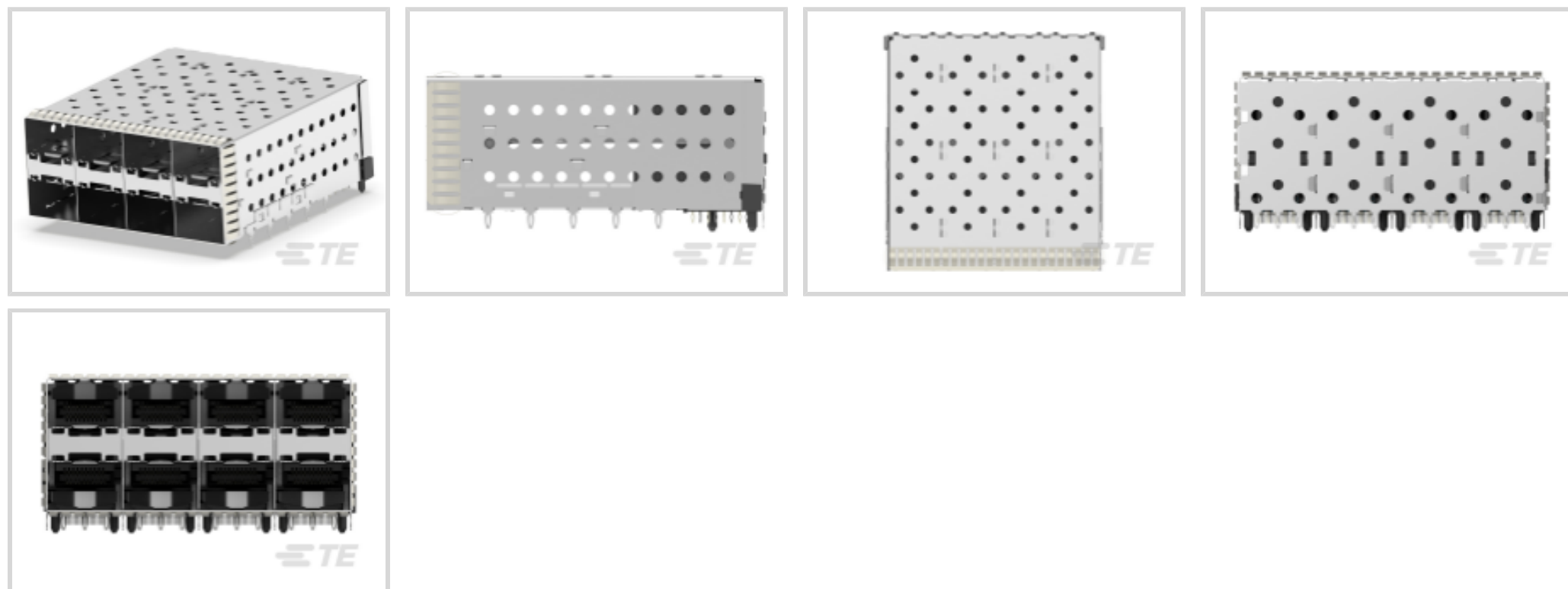
SFP28

TE Internal #: 1-2007394-8

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

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	160
Number of Ports	8
Port Matrix Configuration	2 x 4

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Contact Features

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

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

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

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

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

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

Included Lightpipe	Not Optional
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EMI Containment Feature Type	Internal/External EMI Springs
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247)
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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-Q17-N490333
QSFP56-Four SFP56 Cable Assembly:
26 AWG



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



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-H506
SFP+ to SFP+ I/O Cable Assembly: 26
AWG



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



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



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



TE Part # 2170068-1
SFP+ 1x4 Light Pipe Assembly Low
Profile



TE Part # 2142970-7
CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M



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



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



TE Part # 2007099-4
SFP+ 1x4 Light Pipe Assembly



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



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

Customers Also Bought



TE Part #CAT-104CST-RCPHS
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part #YDTS20W11-35SNV001
RECP ASSY



TE Part #5569564-1
MJ ASSY,R/A,8 POS,LED GRN&YELW



TE Part #2007399-6
SFP+assy 2x4 Gasket Inner Lp Sn



TE Part #1-5103309-0
A/L LOW PRO HDR 50P VERT BLACK



TE Part #1445336-1
LOOSE PC CONTACT TIN PLATED



TE Part #5103308-7
A/L LOW PRO HDR 34P VERT BLACK



TE Part #52463-1
TERMINAL,PG SPR SPD 16-14 6



TE Part #2466268-1
BNC JACK RA PCB MNT NICKEL 3 GHZ 75 OHM

Documents



Product Drawings

[SFP+ assy 2x4 EMI Sprg No Lp Sn Enhanced](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2007394-8_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2007394-8_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2007394-8_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

Agency Approvals

[UL Report](#)

English