



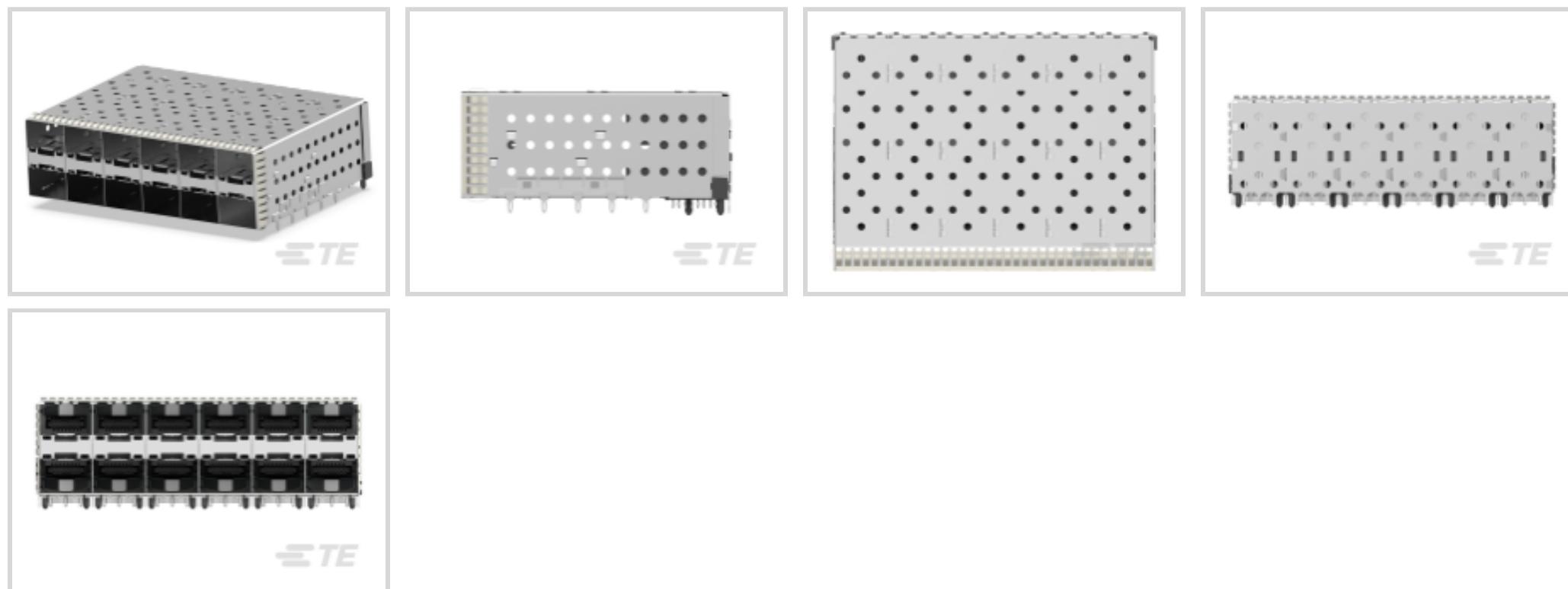
SFP28

TE Internal #: 1-2007562-8

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector,
Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, EMI
Enhanced, With Lightpipe

[View on TE.com >](#)

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



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

Data Rate (Max): **16 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **EMI Enhanced**

Lightpipe Options: **With Lightpipe**

[All SFP+ Stacked Cage Assemblies \(122\)](#)

Features

Product Type Features

Form Factor	SFP+
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Lightpipe Options	With Lightpipe
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 6
Number of Ports	12
Number of Positions	240

Electrical Characteristics

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Data Rate (Max)	16 Gb/s
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Contact Features

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

Termination Post & Tail Length	3 mm[.118 in]
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Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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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

Heat Sink Compatible	No
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Pluggable I/O Applications	EMI Enhanced
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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	Package
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Other

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
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: JUNE 2023 (235) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Part # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>
 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>




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



TE Part # 2110743-1
SFP 1x6 Light Pipe Assy, Low Profile



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



TE Part # 2007174-1
SFP Standard 1x6 Light Pipe Assm



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



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



TE Part # 2007174-2
SFP 1x6 Light Pipe Assy, Reduced Length



TE Part # 2007174-3
SFP 1x6 Light Pipe Assy, Reduced Length



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

Customers Also Bought



TE Part #2299924-3
ZQSFP+ STACKED REC ASSEMBLY 2X3, HS



TE Part #2-487526-1
022 HOUSING FFC RCPT 100CL SR



TE Part #2007169-1
SFP 1x6 cage Assm Light Pipe, EMI gasket




TE Part #1546111-6
EUROSTYLE TB,HEADER,GREY,6 POS



TE Part #1-1744418-7
17 POS EP 2.5 HDR, GLOW WIRE



TE Part #2007435-2
Std HDMI, Flag, T/H



TE Part #67263-2
CONTACT CRIMP-ON RECPT 10/30AU



TE Part #T2080052201-001
HQ-005-F

Documents



Product Drawings

[SFP+assy 2x6 EMI Spg No LP Sn Enhanced](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2007562-8_E1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2007562-8_E1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2007562-8_E1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[4-1773455-3 - Quick Reference Guide SFP+ Solutions](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English