



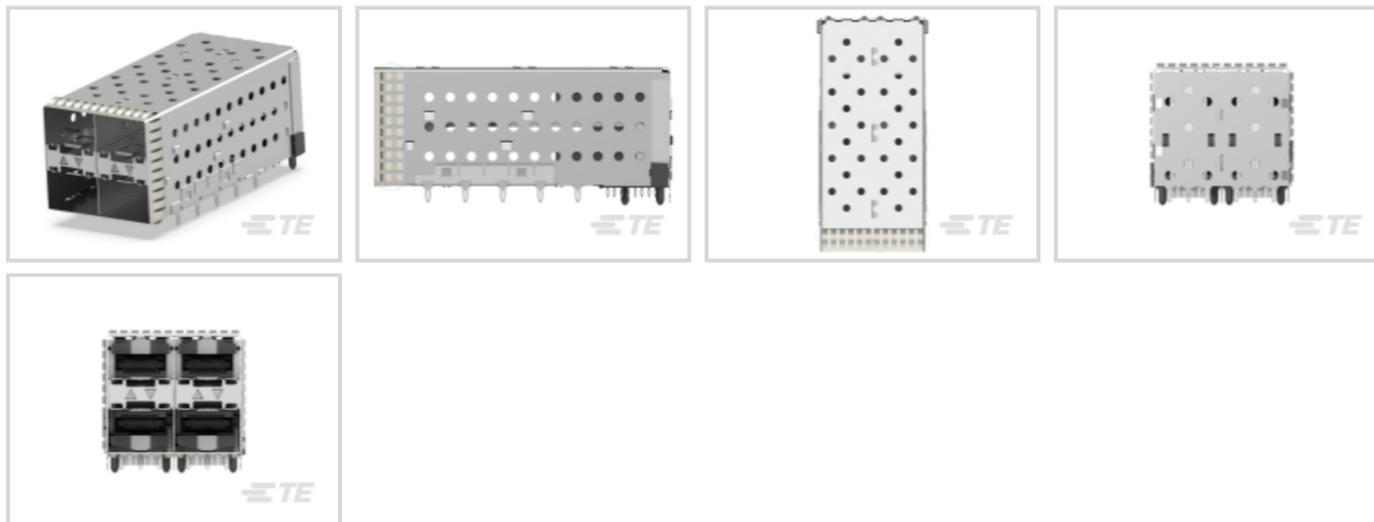
SFP28

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 > High Speed 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 \(72\)](#)

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	80
Number of Ports	4
Port Matrix Configuration	2 x 2

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	Package
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Other

Included Lightpipe	Yes
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)
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Candidate List Declared Against: JUNE
2025 (250)
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 # 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 # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



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



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



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



TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG



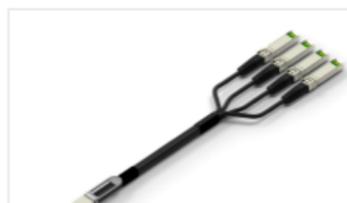
TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG



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



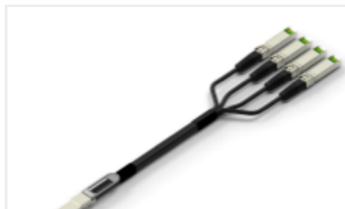
TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # CAT-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG



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



TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 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-H506
SFP+ to SFP+ I/O Cable Assembly: 26 AWG



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



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

Customers Also Bought



TE Part #5-104068-8
12 SYSTEM 50 HDR DRST SHRD



TE Part #7-1437665-4
JC6-Q408-02=JC6 SERIES TERMINA



TE Part #1624246-8
RSS3 15K 5% AMMO PK



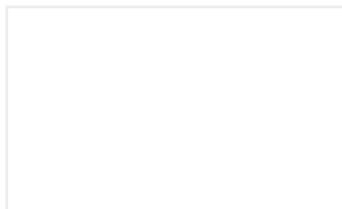
TE Part #2204585-3
ELCON MINI 3P VERT HEADER,PRESS-FIT,STD



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK



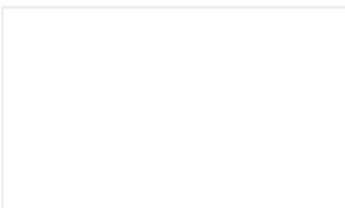
TE Part #2331813-2
CABLE REC ASSY, 84 P, VERT, SLIVER 2.0



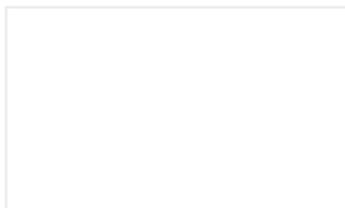
TE Part #1-2408937-6
MCIO 95 OHM VERTICAL, 50 PIN RECEPTACLE



TE Part #1-292303-2
USB A R/A RCPT ASSY THRU HOLE, LEAD FREE



TE Part #2169259-5
SFP+ 1x6 Cage Assy, W/heatsink open



TE Part #3-2340033-4
SFP56 STACKED 2X8 RECEPTACLE ASSEMBLY

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