



SFP28

TE Internal #: 2274867-5

SFP+, Cage Assembly with Integrated Connector, .8mm [.032in]
Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

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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	320
Number of Ports	16
Port Matrix Configuration	2 x 8

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
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm

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

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	SFP+ Thermally Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2142970-3 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-Q17-N490333 QSFP56-Four SFP56 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 # 2142970-4 CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M	 TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M
 TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 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

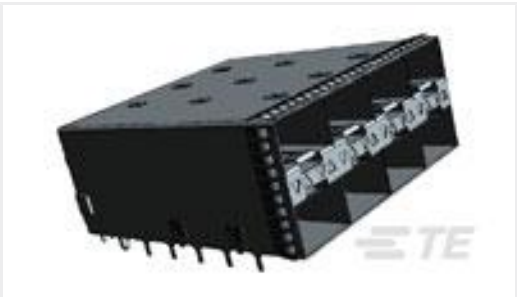


TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M,
30AWG



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

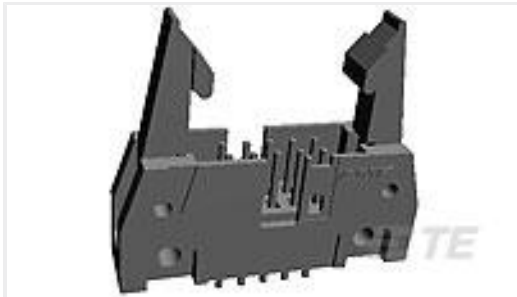
Customers Also Bought



TE Part #1-2007394-5
SFP+assy 2x4 Spring Fingers 4



TE Part #8-338069-4
MICRO-MATCH SMD FTE



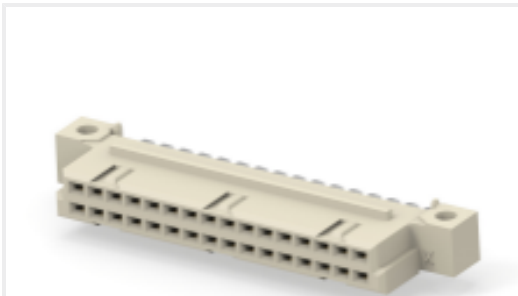
TE Part #5499160-8
A/L UNIV HDR 34P VERT SHT LAT



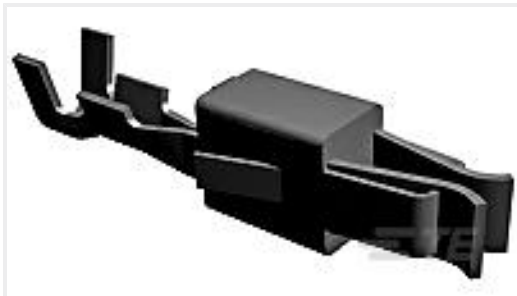
TE Part #2176367-9
RQ 0603 5K62 0.1% 10PPM 1K RL



TE Part #5-1879133-9
RN 0603 3K57 0.1% 10PPM 1K RL



TE Part #294722-E
STVQ/2 32 FI AB VV 7-03 TL ** 247 E
172



TE Part #927771-6
JPT REC 2.8 Contact SRC Ag



TE Part #1-1734795-1
RJ45,8P8C,SHD,W/ LED,DIP 6u"



TE Part #2301841-1
AMPL REC HD20, VERT, 25P, B/L,4-40
INS



TE Part #5-1614893-3
CPF 0805 47K5 0.1% 25PPM 1K RL

Documents

Product Drawings

SFP+ ASSY 2X8 SPRG 4 LP SN,THERMAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2274867-5_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2274867-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2274867-5_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English