



SFP28

TE Internal #: 2170286-1
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

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

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

Dimensions

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

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]

Packaging Features

Packaging Method	Tray
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Operation/Application



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

Housing Features

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

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)	4 Gb/s
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Usage Conditions

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

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2022 (224)
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 # 1367147-3
SFP COVER, UNPL, NO LOGO




TE Part # 1761005-1
SFP 2X4 LIGHT PIPE ASSY




TE Part # 1367147-1
SFP COVER, UNPLATED


Customers Also Bought




TE Part #5352128-1
Z-PACK T-B MALE HEADER 154P



TE Part #1-87523-6
MOD IV RECP LP



TE Part #826629-8
AMPMODU II HEADER



TE Part #5406436-1
MJ,TE,8P,SHLD W/PNL STPS



TE Part #1954289-2
Connector, Blade & Recpt 4 Pos



TE Part #T4141512041-000
M12, REAR MOUNTING, FEMALE, D CODE, 4P



TE Part #1571999-4
ADP02STR04=PIANO DIP SWITCH



TE Part #9-1393303-7
V23134J0053D642-EV-CBOX



TE Part #EK4827-000
91H1-11-06-1-B-HE100



TE Part #2337857-1
VERTICAL USB TYPE-C REC

Documents

Product Drawings

PRESS FIT 2X4 REDUCED PROFILE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170286-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170286-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170286-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English