2169678-5 - ACTIVE

SFP28

TE Internal #: 2169678-5 SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 16 Gb/s, Elastomeric Gasket, SFP+, With Lightpipe, 2 x 5

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: Elastomeric Gasket

Pluggable I/O Applications: SFP+

Lightpipe Options: With Lightpipe

All SFP+ Stacked Cage Assemblies (122)

Features

Product Type Features

Form Factor

Cage Type

SFP+

Stacked

Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Lightpipe Options	With Lightpipe
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Port Matrix Configuration	2 x 5
Lightpipe Configuration	Four Triangular (Inner & Outer)
Number of Ports	10
Number of Positions	200
Electrical Characteristics	
Data Rate (Max)	16 Gb/s
Contact Features	
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm

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Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Termination Features	
Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Cage Material	Nickel Silver
Centerline (Pitch)	.8 mm[.032 in]
Dimensions	
PCB Thickness (Recommended)	1.5 mm[.059 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-65 – 221 °F]
Operation/Application	
Heat Sink Compatible	No
Pluggable I/O Applications	SFP+
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Package
Other	
EMI Containment Feature Type	Elastomeric Gasket
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 2023 (235)

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Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.11% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

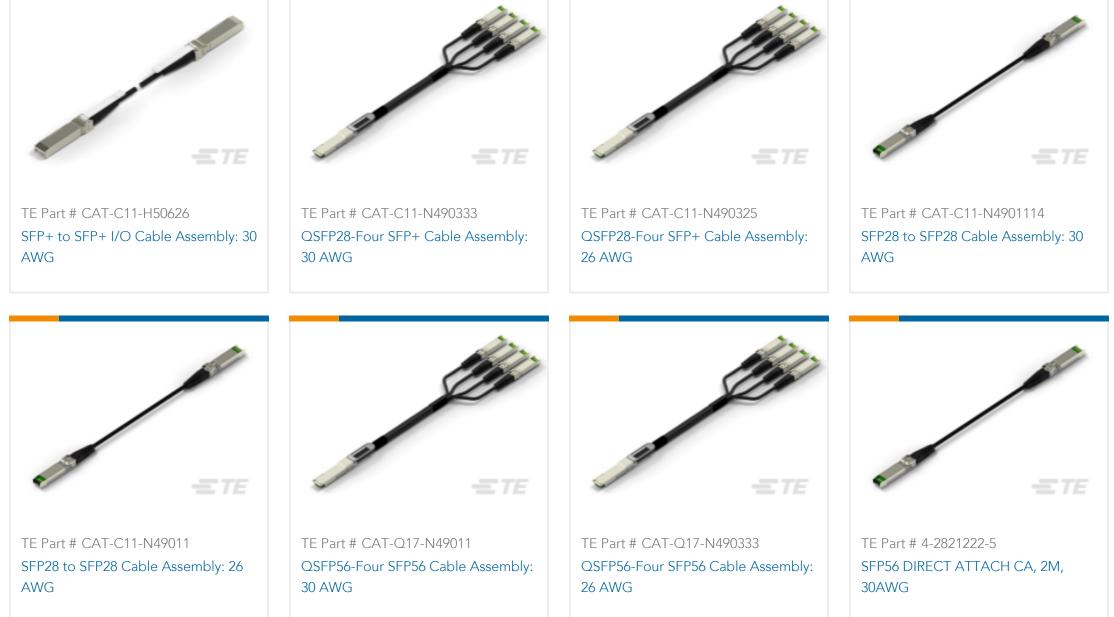
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

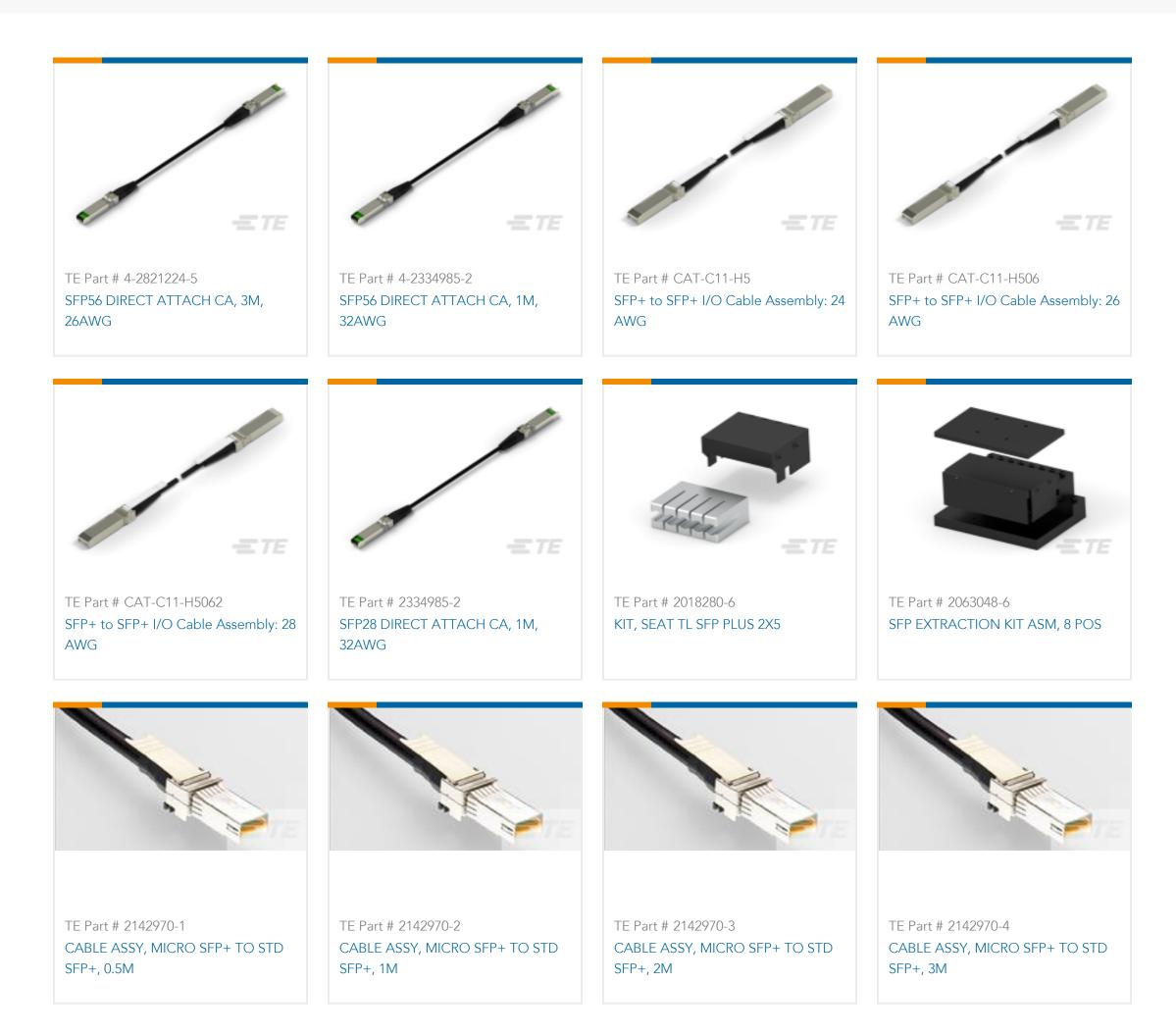
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



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Customers Also Bought



TE Part #6162-213-1677 CONT SOC ASSY

Documents

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 16 Gb/s, Elastomeric Gasket, SFP+, With Lightpipe, 2 x 5



Product Drawings SFP+assy 2x5 Gasket 4 LP Sn English **CAD** Files 3D PDF 3D Customer View Model ENG_CVM_CVM_2169678-5_B.2d_dxf.zip English Customer View Model ENG_CVM_CVM_2169678-5_B.3d_igs.zip English **Customer View Model** ENG_CVM_CVM_2169678-5_B.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