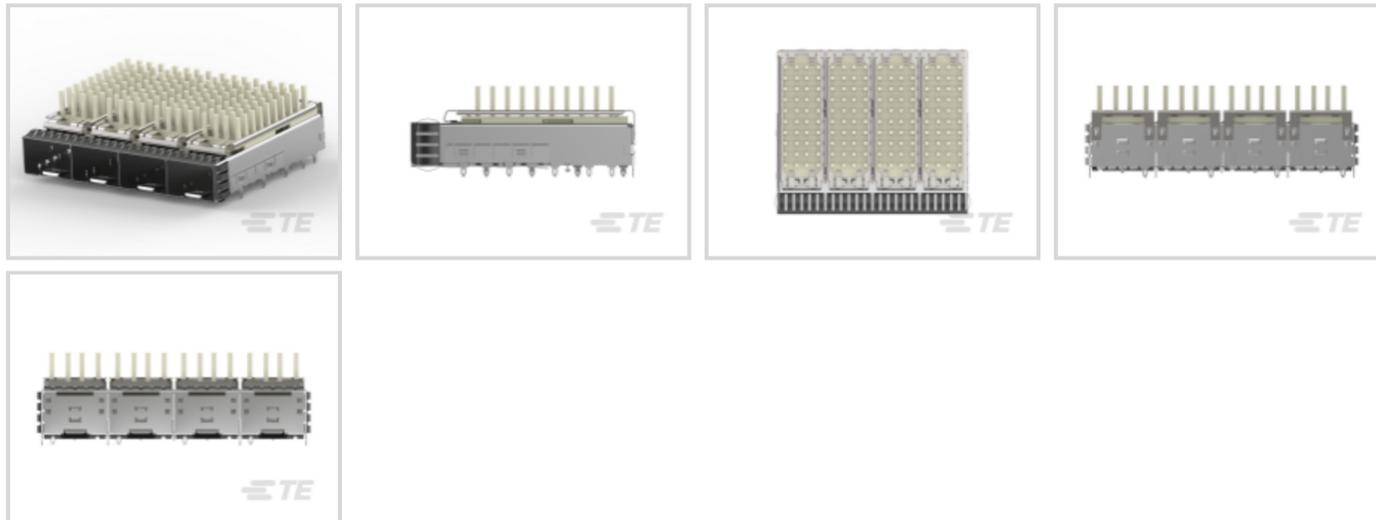




Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Sealable: **No**

Circuit Application: **Signal**

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

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

Features

Product Type Features

Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	SFP+

Configuration Features

Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	16 Gb/s
-----------------	---------

Body Features

Heat Sink Style	Pin
Heat Sink Height	9.1 mm [.358 in]
Heat Sink Height Class	Networking Short

Termination Features



Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

Termination Post & Tail Length	2.05 mm[.081 in]
--------------------------------	------------------

Housing Features

Cage Material	Nickel Silver
---------------	---------------

Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
-----------------------------	------------------

Usage Conditions

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

Operation/Application

Pluggable I/O Applications	SFP+
----------------------------	------

Heat Sink Compatible	Yes
----------------------	-----

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Method	Package
------------------	---------

Other

Included Lightpipe	No
--------------------	----

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
---	---

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
--	---

Halogen Content	Low Halogen - Br, Cl, F < 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 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-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 # 2185251-3
STG TL SFP+ ENHANCED 1X4 HS LP



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



TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M



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

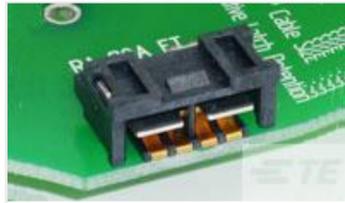


TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

Customers Also Bought



TE Part #2-1775210-1
D-SUB 5.08mm,9 POS PLUG OVER 15 POS RCPT



TE Part #1982295-2
ELCON MINI 2P RA HEADER,W/O CODING



TE Part #2327672-3
RECEPT ASSY, RA, 56 POS, SLIVER 2.0



TE Part #5-2337939-7
PCIe GEN4 CON,SMT,98POS,30u", MYLAR,HT



TE Part #1-2340321-2
ASSY STRADDLE MOUNT 168P 076 SLIVER 2.0



TE Part #6-2364427-8
PCIe GEN5 CON,SMT,164P,30u", MYLAR,S-HT



TE Part #1-2379397-6
MCIO INTERGRATED CONN, V/T,8X, SMT TYPE



TE Part #1-2407532-1
HD+ CE, RA, CRPS



TE Part #2481326-1
Rcpt Assy,Diecast Housing,PCIe Gen 5 x8



TE Part #5145089-1
CONN SEC II 12 POS 100 C/L R/A

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2149730-1_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2149730-1_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2149730-1_A.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

[Application Specification](#)

English