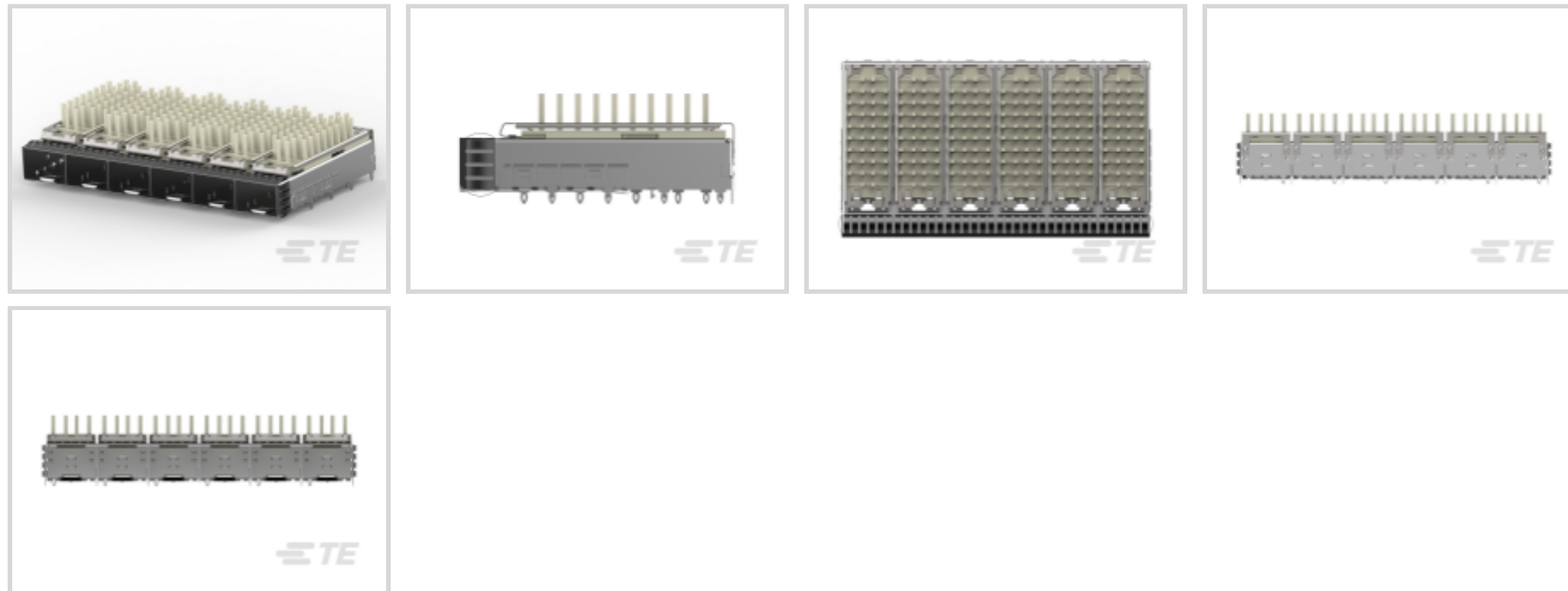




Connectors > Pluggable IO Connectors & Cages



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

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

Sealable: **No**

Number of Ports: **6**

Port Matrix Configuration: **1 x 6**

## Features

### Product Type Features

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

### Configuration Features

Number of Ports	6
Port Matrix Configuration	1 x 6

### Electrical Characteristics

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

### Body Features

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

### Termination Features



Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

### 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+ Enhanced
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2110759-1  
PT CONN ASSY 20 POS 16G SFP



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



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



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



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



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



TE Part # CAT-Q17-N490333  
QSFP56-Four SFP56 Cable Assembly: 26 AWG



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



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



TE Part # 2110743-1  
SFP 1x6 Light Pipe Assy, Low Profile



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



TE Part # 2007174-1  
SFP Standard 1x6 Light Pipe Assm



TE Part # CAT-C11-H5  
SFP+ to SFP+ I/O Cable Assembly: 24 AWG



TE Part # CAT-C11-H506  
SFP+ to SFP+ I/O Cable Assembly: 26 AWG




TE Part # CAT-C11-H5062  
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



TE Part # 2007174-2  
SFP 1x6 Light Pipe Assy, Reduced Length



TE Part # 2007174-3  
SFP 1x6 Light Pipe Assy, Reduced Length



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

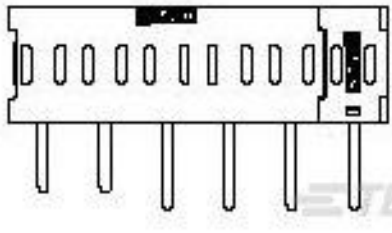
## Customers Also Bought



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



TE Part #2170707-3  
CAGE ASSY, 1X6, QSFP28, SPRING, HS



TE Part #6766496-1  
CONNECTOR, PIN, RIGHT ANGLE, SOLDER, FLAT



TE Part #1926303-1  
Cover Connector, FLATPAQ



TE Part #1456549-1  
HDR ASSY, 26P RA, RXIT, KEY AE, w /POST



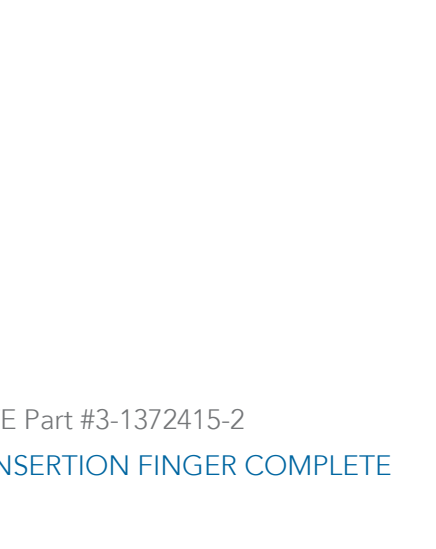
TE Part #2170703-7  
CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part #2118016-2  
PCB ANTENNAS, WLAN DUAL BAND T&R PKG



TE Part #2007304-5  
HEAT SINK CLIP QSFP28



TE Part #3-1372415-2  
INSERTION FINGER COMPLETE

## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2198235-3\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2198235-3\\_A.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_2198235-3\\_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