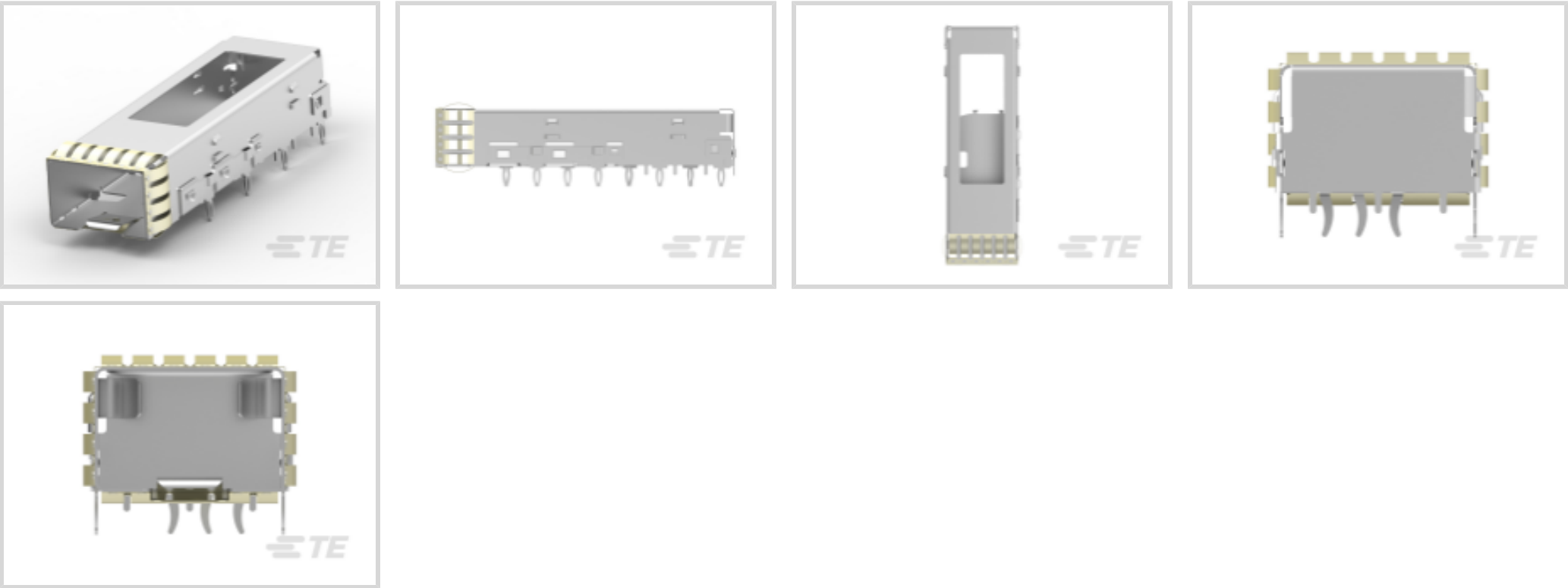




Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **Yes**

Circuit Application: **Signal**

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

Features

Termination Features

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

Dimensions

|                             |        |
|-----------------------------|--------|
| PCB Thickness (Recommended) | 1.5 mm |
|-----------------------------|--------|

Housing Features

|               |                     |
|---------------|---------------------|
| Cage Material | Nickel Silver Alloy |
|---------------|---------------------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Operation/Application

|                            |        |
|----------------------------|--------|
| Pluggable I/O Applications | SFP+   |
| Heat Sink Compatible       | Yes    |
| Circuit Application        | Signal |

Product Type Features

|             |        |
|-------------|--------|
| Cage Type   | Single |
| Form Factor | SFP+   |



|                            |               |
|----------------------------|---------------|
| Pluggable I/O Product Type | Cage Assembly |
| Sealable                   | Yes           |

Configuration Features

|                           |       |
|---------------------------|-------|
| Number of Ports           | 1     |
| Port Matrix Configuration | 1 x 1 |

Electrical Characteristics

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

Usage Conditions

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

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # CAT-C11-N490333  
QSFP28-Four SFP+ Cable Assembly:  
30 AWG



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



TE Part # CAT-C11-N490325  
QSFP28-Four SFP+ Cable Assembly:  
26 AWG



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



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



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



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

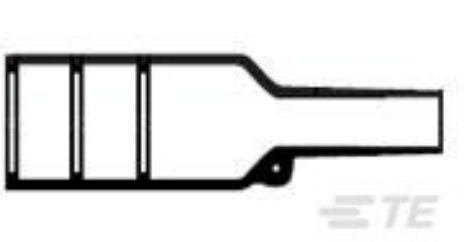


TE Part # 2821033-8  
QSFP TO [4]SFP+, 28G, 1M, 33AWG



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

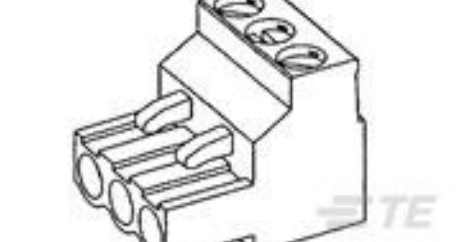
Customers Also Bought



TE Part #408452-000  
202K111-25/225-0



TE Part #7-188275-6  
MICRO-MATCH SMD FTE



TE Part #796634-2  
2 POS 5.08MM R/A PLUG,TRM BLK



TE Part #2213858-1  
RECEPTACLE ASSEM., LUMAWISE  
ENDURANCE S



TE Part #4-1879497-9  
CRGH1206 5% 100R 0.5W

TE Part #7284836003  
LSTT-R-2.4-0

TE Part #1-1586042-0  
10P VAL-U-LOK R/A HDR V0

TE Part #2316531-7  
AV19 SPL 3A MOVING RING R&G 12V

TE Part #2363929-3  
LUMAWISE N Bracket Mount  
Receptacle, 7P

TE Part #CH5290-000  
PP000001

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2170680-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2170680-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2170680-2\_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