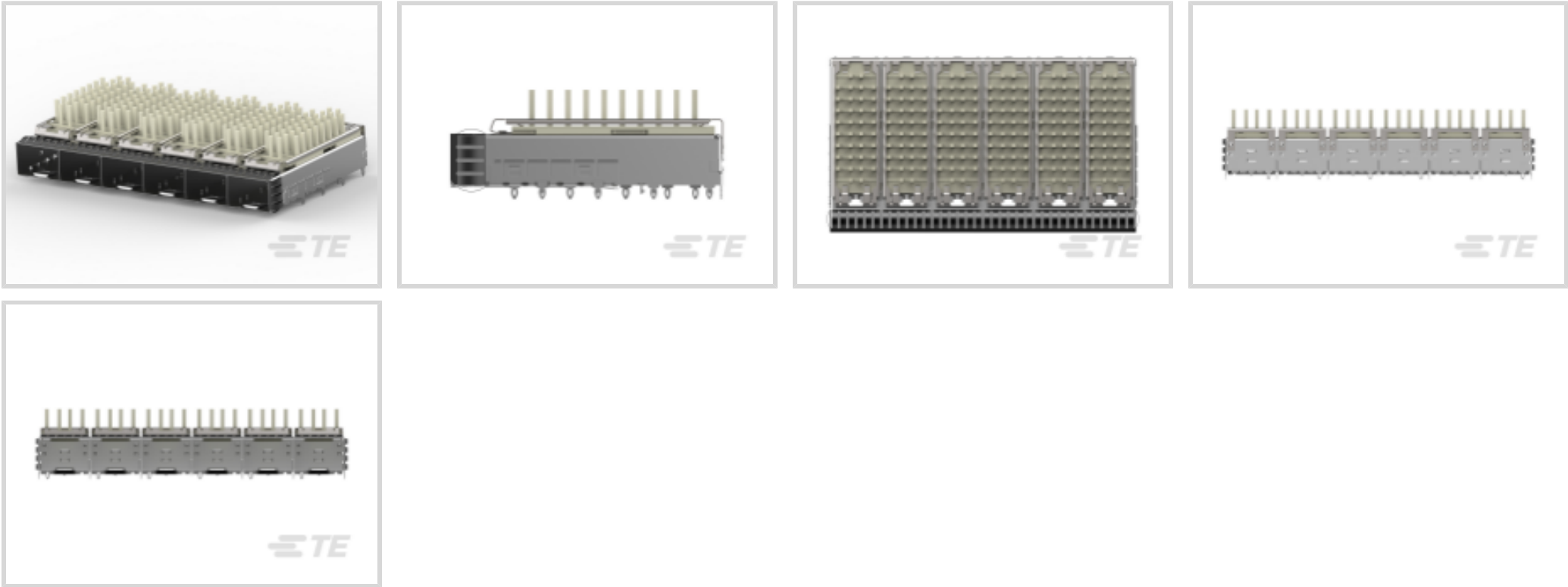




Connectors > Pluggable IO Connectors & Cages



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

| | |
|---------------------------------|---------------|
| 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2110759-1 PT CONN ASSY 20 POS 16G SFP</p> |  <p>TE Part # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG</p> |  <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p> |  <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p> |
|  <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p> |  <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p> |  <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p> |  <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p> |
|  <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p> |  <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p> |  <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p> |  <p>TE Part # 2110743-1 SFP 1x6 Light Pipe Assy, Low Profile</p> |
|  <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p> |  <p>TE Part # 2007174-1 SFP Standard 1x6 Light Pipe Assm</p> |  <p>TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 AWG</p> |  <p>TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG</p> |





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 # 2170703-7

CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part # 2-1926739-5

AssyMinipak Hd125s10pRARecptSc



TE Part # 2007198-2

SFP+ 1x1 Cage Assembly, Press-Fit

TE Part # 1-2338987-1

QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP

TE Part # 1-2338987-2

QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP

TE Part # 1-2338988-1

CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP

TE Part # 1888251-5

Low Profile,RJ45,1x4,Bi-Color



TE Part # 1367643-1

DWDM Cage Assembly, 11 PF

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

2198235-3

SFP+, Cage Assembly, Signal, Operating Temperature Range -55 - 105 °C [-67 - 221 ° F], Data Rate (Max) 16 Gb/s, 6 Ports

