

**2214574-7**

✓ ACTIVE

**QSFP/QSFP+**

TE Internal #: 2214574-7

QSFP+, Cage Assembly with Integrated Connector, .8mm [.032in]  
Centerline, Sealable, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

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Connectors &gt; Pluggable I/O Connectors &amp; Cages

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**Centerline (Pitch): **.8 mm [.032 in]**Sealable: **Yes**Circuit Application: **Signal**Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

## Features

### Product Type Features

Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes
Form Factor	QSFP+

### Configuration Features

Number of Rear EONs per Port Column	0
Number of Positions	152
Number of Ports	4
Port Matrix Configuration	2 x 2

### Electrical Characteristics

Data Rate (Max)	14 Gb/s
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### Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Tin
PCB Contact Termination Area Plating Material	Gold

### Termination Features

Termination Post &amp; Tail Length

2 mm[.079 in]

Termination Method to PCB

Through Hole - Press-Fit

**Housing Features**

Cage Material

Nickel Silver

Centerline (Pitch)

.8 mm[.032 in]

**Dimensions**

PCB Thickness (Recommended)

1.57 mm[.062 in]

**Usage Conditions**

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

**Operation/Application**

Pluggable I/O Applications

SFP+ Stacked Belly-to-Belly

Heat Sink Compatible

No

Circuit Application

Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Method

Box &amp; Tray

**Other**

Included Lightpipe

Yes

EMI Containment Feature Type

Elastomeric Gasket

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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)

Candidate List Declared Against: JUNE 2024 (241)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

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-H5011  
QSFP-Four SFP+ I/O Cable Assembly  
30 AWG



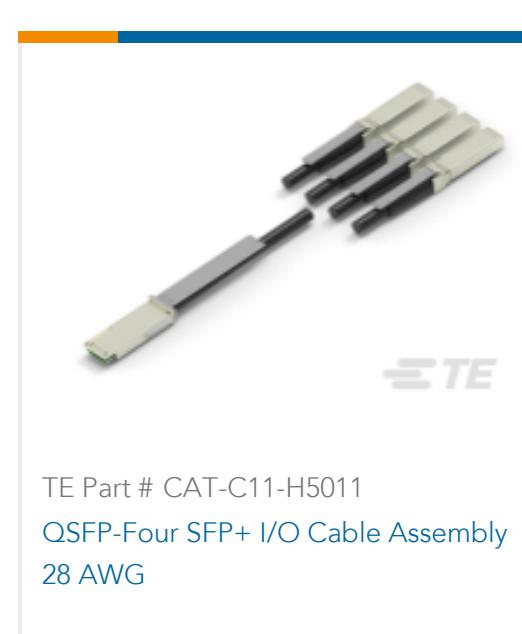
TE Part # 1888810-2  
EMI/Dust Cover, XFP And QSFP



TE Part # 2110819-1  
QSFP+ Enh EVERCLEAR PT Conn



TE Part # 1-2053638-6  
C/A, QSFP, 0.5M, P1-P2,  
UNEQUALIZED



TE Part # CAT-C11-H5011  
QSFP-Four SFP+ I/O Cable Assembly  
28 AWG



TE Part # CAT-C11-H5011142  
QSFP to QSFP I/O Cable Assembly: 33  
AWG



TE Part # 2202165-4  
QSFP TO QSFP, 26AWG, FDR, 4.0  
METER

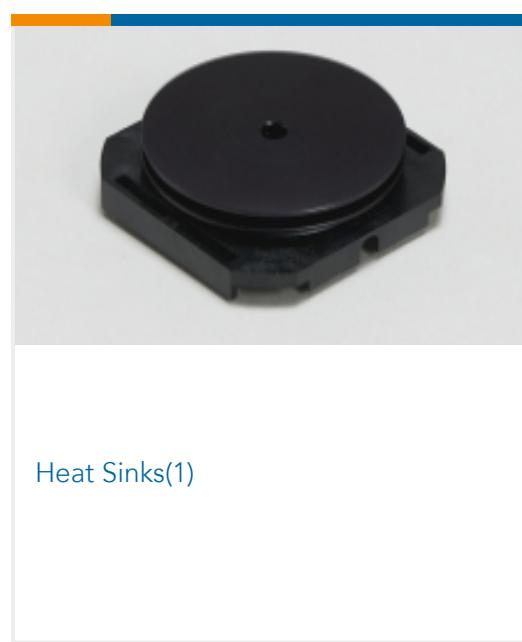


TE Part # 2202165-5  
QSFP TO QSFP, 26AWG, FDR, 5.0  
METER

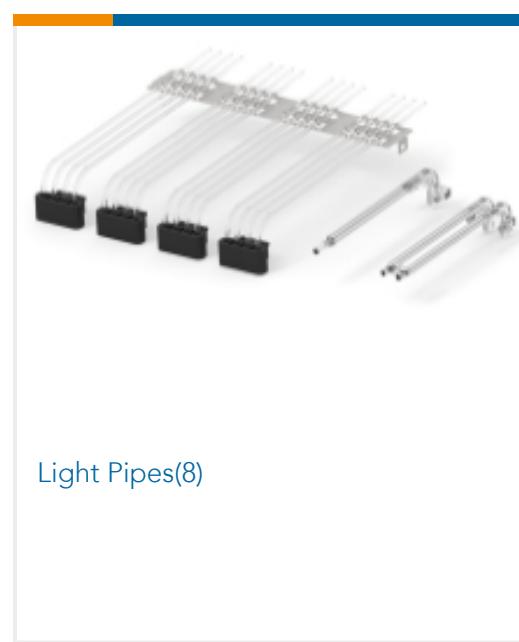


TE Part # 2821033-8  
QSFP TO [4]SFP+, 28G, 1M, 33AWG

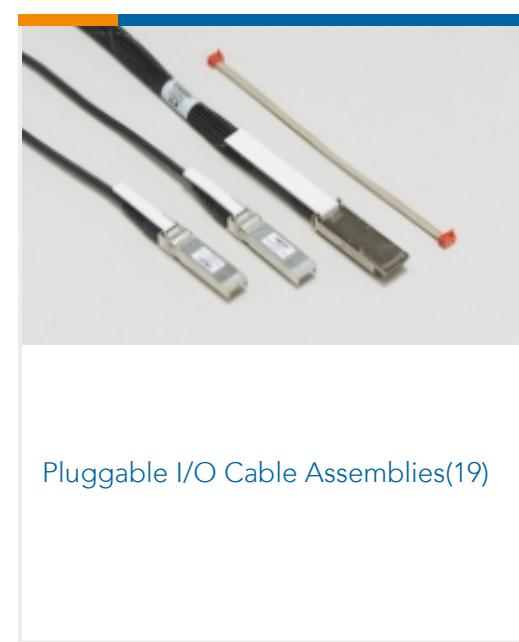
Also in the Series | **QSFP/QSFP+**



Heat Sinks(1)



Light Pipes(8)



Pluggable I/O Cable Assemblies(19)



Pluggable IO Connectors &amp; Cages(154)

## Customers Also Bought

TE Part #2-2291728-1  
D3200M FMLB REC HSG 12P SSKEYTE Part #1-2176408-6  
3560 4K7 5%TE Part #5-2232546-1  
GI2.5 HDR ASS 5P NC NO BOSS TAPETE Part #2-1649328-8  
RT334005TE Part #6116314-2  
STK MJ ASSY,2X6,8P,CAT5,W/LEDTE Part #NB19994001  
VERSAFIT-1/16-6-SPTE Part #NB20464001  
VERSAFIT-3/32-2-SPTE Part #1-643077-9  
19P MTA100 MOLDED COVER F/TTE Part #2-1393092-0  
MT333110

## Documents

### Product Drawings

#### 2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2214574-7\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2214574-7\\_B.3d\\_jgs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2214574-7\\_B.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

[Application Specification](#)

English