



Connectors &gt; Pluggable IO Connectors &amp; Cages

Pluggable I/O Product Type: **Cage**Sealable: **No**

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

Data Rate (Max): **16 Gb/s**Number of Ports: **6**

## Features

### Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage
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
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### 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
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### Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application



Pluggable I/O Applications	SFP+ Enhanced
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Heat Sink Compatible	Yes
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### Packaging Features

Packaging Method	Package
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### Other

Included Lightpipe	No
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EMI Containment Feature Type	Internal/External EMI Springs
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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-H5062  
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



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



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



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 # 2142970-2  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M



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



TE Part # 2142970-4  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M



TE Part # 2142970-5  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



TE Part # 2142970-6  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M



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



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



TE Part # 2215005-2  
KIT, SFP+ ENH 1X6



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



TE Part # 2142970-3  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M

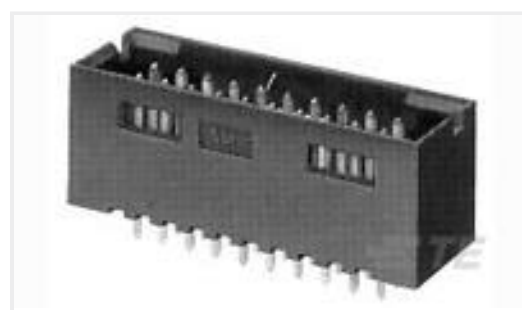


TE Part # CAT-C11-N490325  
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # CAT-C11-N490333  
QSFP28-Four SFP+ Cable Assembly: 30 AWG

## Customers Also Bought



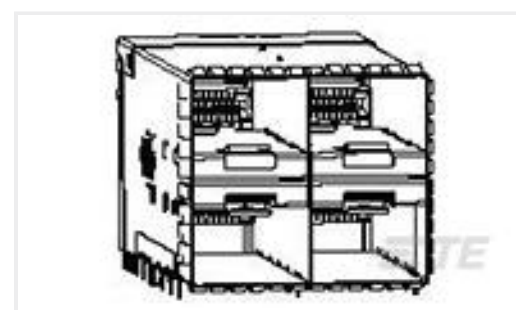
TE Part #5-102619-1  
06 MODII HDR DRST SHRD .100CL



TE Part #1367646-4  
Heatsink clip Stamped and Form



TE Part #2007492-5  
SFP+assy 2x1 Spring Fingers 4LP Sn



TE Part #2198325-5  
zSFP+ STACKED 2X2 RECEPTACLE ASSEMBLY



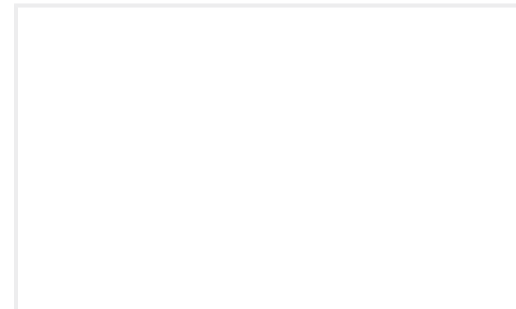
TE Part #2227669-1  
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X1



TE Part #2289129-2  
ZQSFP+ CAGE& CONN 2X2, EMI SPRING, 4 LP



TE Part #2295036-1  
SFP+ 1x1 Cage Assy, PF,with Heatsink



TE Part #1-2308171-3  
ZQSFP+ CAGE& CONN 2X2, EMI SPRING, BTB



TE Part #2349642-2  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part #2349642-3  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

## Documents

### Product Drawings

[SFP+ 1x6 Cage Assy, Extended H](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2169259-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2169259-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2169259-1\\_B.3d\\_stp.zip](#)

English

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### Product Specifications



## Application Specification

English