



TE Internal #: 2007170-1  
 SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Elastomeric Gasket, SFP+, 1 x 6, Through Hole - Press-Fit Mount, 6 Port, Cable-to-Board, Sealable

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Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+



Pluggable I/O Product Type: **Cage**  
 Data Rate (Max): **16 Gb/s**  
 EMI Containment Feature Type: **Elastomeric Gasket**  
 Pluggable I/O Applications: **SFP+**  
 Included Lightpipe: **No**

## Features

### Product Type Features

Form Factor	SFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Port Matrix Configuration	1 x 6
Number of Ports	6

### Electrical Characteristics

Data Rate (Max)	16 Gb/s
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
Connector Mounting Type	Board Mount

### Housing Features

Cage Material	Nickel Silver
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### Dimensions

Tail Length	2.05 mm[.081 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]

### Usage Conditions

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

Heat Sink Compatible	No
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box & Tray, Tray
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### Other

EMI Containment Feature Type	Elastomeric Gasket
Included Lightpipe	No

### 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 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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-SF59-C76264  
SFP Connectors



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 # CAT-SF59-AC229  
SFP accessories



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



TE Part # 1761394-1  
DUST COVER, SFP, GANGED & STACKED



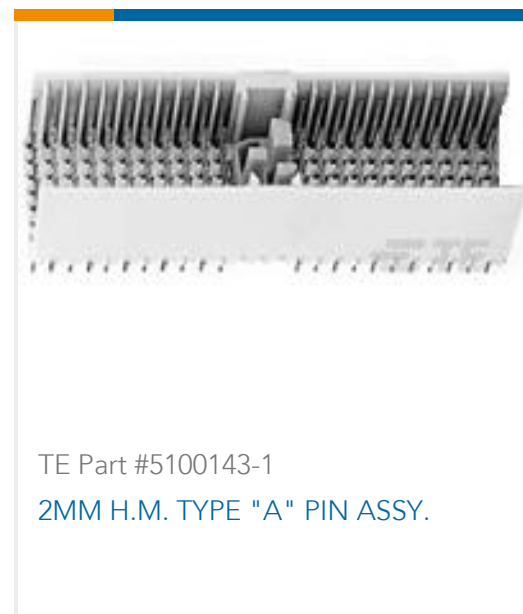
TE Part # 2007174-1  
SFP Standard 1x6 Light Pipe Assm



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



## Customers Also Bought



## Documents

### Product Drawings

[SFP+PressFit EMIShielded1x6CageAssm](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2007170-1\\_C.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2007170-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2007170-1\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[1773408-1 Pluggable Input/Output Solutions catalog - SFP+ section](#)

English

[SFP+ Product Family: Cages, Connectors, Cable Assemblies 4-1773449-5](#)

English

[4-1773455-3 - Quick Reference Guide SFP+ Solutions](#)

English



**Product Specifications**

**Application Specification**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English