



TE Internal #: 2007169-1
 SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s,
 Elastomeric Gasket, SFP+, Included Lightpipe, Port Matrix
 Configuration 1 x 6, Dual Round

[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage Assembly**
 Data Rate (Max): **16 Gb/s**
 EMI Containment Feature Type: **Elastomeric Gasket**
 Pluggable I/O Applications: **SFP+**
 Included Lightpipe: **Yes**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Integrated Lightpipes	No
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 6
Lightpipe Configuration	Dual Round
Lightpipe Style	Standard
Lightpipe Profile	Standard
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

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

Cage Material	Nickel Silver
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Dimensions

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

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

Heat Sink Compatible	No
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For Use With Pluggable I/O Products	SFP+ SMT Connector
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Pluggable I/O Applications	SFP+
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray, Box
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Other

EMI Containment Feature Type	Elastomeric Gasket
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Included Lightpipe	Yes
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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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 # CAT-C11-N4901142
SFP28 to SFP28 Cable Assembly: 32 AWG



TE Part # CAT-C11-N490114
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 # CAT-C11-G28037
SFP56 to SFP56 Cable Assembly: 30 AWG



TE Part # CAT-C11-G28
SFP56 to SFP56 Cable Assembly: 26 AWG



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




TE Part # 1888901-1
SFP+ EMI Plug



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



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



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



TE Part # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M



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



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

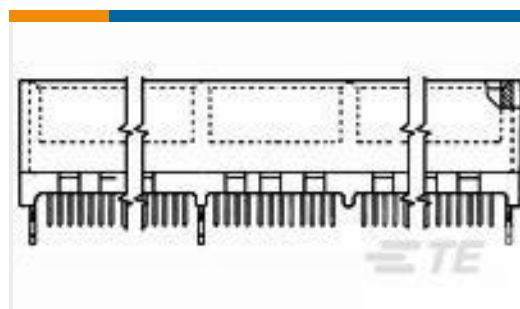
Customers Also Bought



TE Part #106137-2
Z-PACK/A SHRD.110P



TE Part #2007626-1
1x4 QSFP Kit Assy Sqr LP, SAN Htsnk



TE Part #1-5145169-2
CONNECTOR ASSEMBLY, DUAL POSIT



TE Part #413558-1
BNC RF Connector: Male (Jack), Right-angle, 75 Ohm, 2 Ghz



TE Part #2-1658043-4
MSB0.80RC-ASY160FL,-,F,-TY



TE Part #650870-5
064 EURO TYPE R RECEPT ASSY



TE Part #2102061-6
Mezalok, Socket, 114 p, 10 mm, 30 Au, LF



TE Part #1888509-2
2X6 OFFSET,SHLD,STJK ASY W/LED



TE Part #2-2013022-3
EMBOSS TAPE DDR3 204P 4H STD Au 0.76



TE Part #2173168-1
ELCON MINI 4P SHIELDED CABLE PLUG KIT

Documents



Product Drawings

[SFP 1x6 cage Assm Light Pipe, EMI gasket](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2007169-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2007169-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2007169-1_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