



Connectors > Pluggable IO Connectors & 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: **1**

Features

Product Type Features

Cage Type	Single
Pluggable I/O Product Type	Cage
Sealable	No
Form Factor	SFP+

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Contact Features

Tail Plating Material	Tin
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Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.8 mm[.11 in]

Housing Features

Cage Material	Nickel Silver
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Dimensions

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

Pluggable I/O Applications	SFP+
Heat Sink Compatible	Yes

Packaging Features

Packaging Method	Tray
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Reflow solder capable to 260°C

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



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



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



TE Part # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30 AWG



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



TE Part # 2142970-7
CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M



TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG



TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG



TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG



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



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-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 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 # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG



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



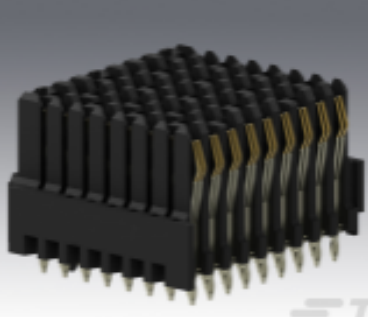
TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

Customers Also Bought





TE Part #1393845-6
RP821048



TE Part #1410186-2
MULTIGIG RT T2 .8" BP HALF LEFT



TE Part #1469001-1
HM-ZD 4PR RECP 80P



TE Part #1888247-2
20 POS SMT CONN, SFP/SFP+, 15A



TE Part #2176057-8
RLP73V 3A R020 1% 1K RL



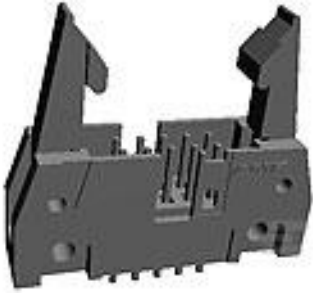
TE Part #4-2176337-6
CRGCQ 0402 56K 1%



TE Part #3-2176341-7
CRGCQ 0805 10K 1%



TE Part #5223961-1
TE UPM R/A Header 3P STD Power, LLL



TE Part #5499910-4
A/L UNIV HDR 20P VERT SHT LAT



TE Part #6116202-1
MJ,TE,8P,COMPL.PIN,CAT5,PC

Documents

Product Drawings

SFP+ 1x1 Cage Assembly, PCI, Solder Tail

English

CAD Files

Customer View Model

ENG_CVM_CVM_2007194-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2007194-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2007194-2_B.3d_stp.zip

English

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Product Specifications



Application Specification

English

Application Specification

English