



Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Sealable: **No**

Circuit Application: **Signal**

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

Data Rate (Max): **16 Gb/s**

Features

Product Type Features

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

Configuration Features

Lightpipe Style	Reduced Length
Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Termination Features

Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to PCB	Through Hole - Press-Fit

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+
Heat Sink Compatible	No
Circuit Application	Signal

Packaging Features

Packaging Method	Box
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Other

Included Lightpipe	Yes
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

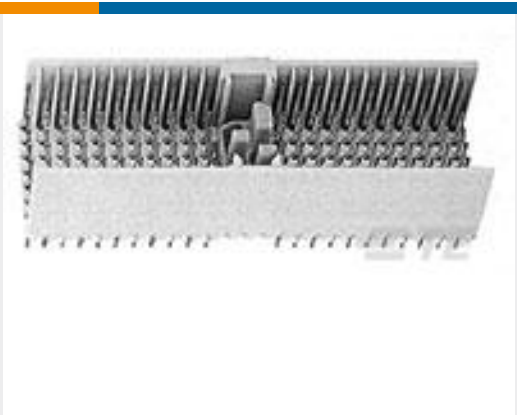
Compatible Parts



 TE Part # 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 # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG	 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 # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 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	 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

Customers Also Bought





TE Part #5352332-1
2MM HM TYPE A MALE HDR 154 POS



TE Part #8-2176070-5
3521 33K 1% 2W



TE Part #2288220-2
CFP2 HEATSINK CLIP



TE Part #1761008-3
SFP 1X4 CAGE & LIGHT PIPE KIT



TE Part #6469001-1
HM-ZD 4PR RECP 80P



TE Part #2065657-1
zd Plus, 4 pair, receptacle assy



TE Part #1367147-3
SFP COVER, UNPL, NO LOGO



TE Part #2007637-5
SFP+ assy 2x2 Spring Fingers 4 LP Sn



TE Part #2227671-2
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X3

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2110069-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2110069-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2110069-1_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English