



Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Circuit Application: **Signal**

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

Features

Termination Features

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

Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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Housing Features

Cage Material	Nickel Silver
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Packaging Features

Packaging Method	Box
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Configuration Features

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

Operation/Application

Pluggable I/O Applications	SFP+
Heat Sink Compatible	No
Circuit Application	Signal

Product Type Features

Cage Type	Ganged
Form Factor	SFP+



Pluggable I/O Product Type	Cage Assembly
Sealable	No

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Usage Conditions

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

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

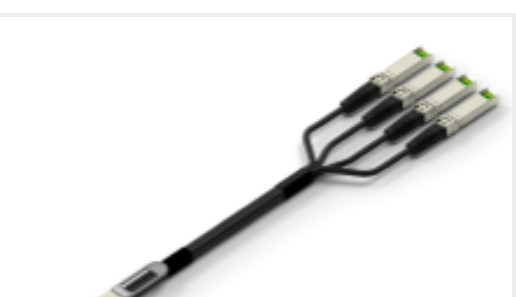
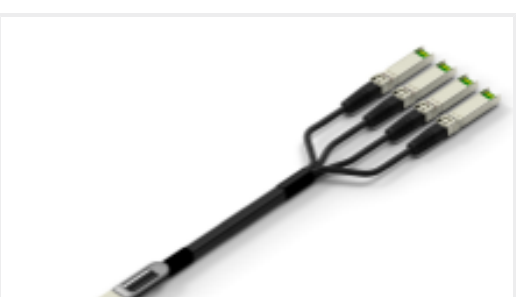
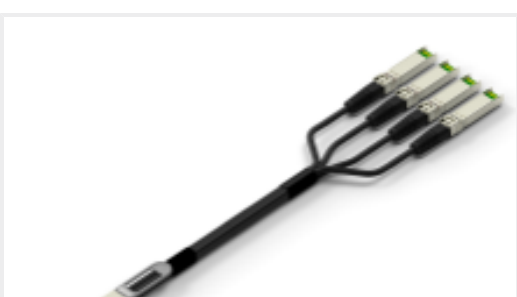
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 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 # 2821033-8 QSFP TO [4]SFP+, 28G, 1M, 33AWG
 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 # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG	 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 # 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 # 2142970-3 CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M
 TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG	 TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG	 TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG	 TE Part # 2142970-4 CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M
 TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG

Customers Also Bought



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



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



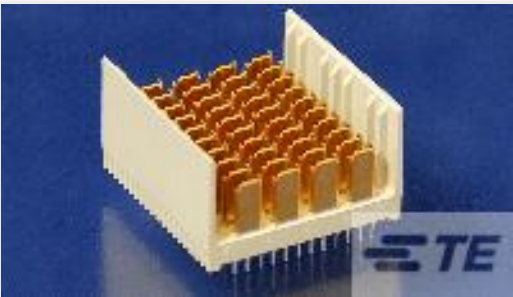
TE Part #1367147-3
SFP COVER, UNPL, NO LOGO



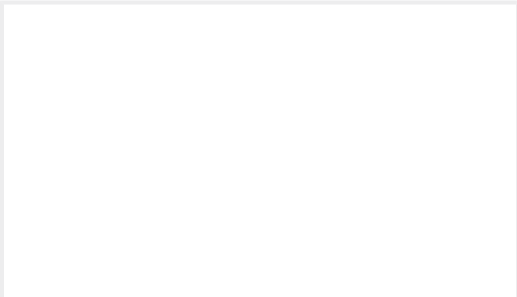
TE Part #2169260-1
SFP+ 1x4 Cage Assy, Extended H



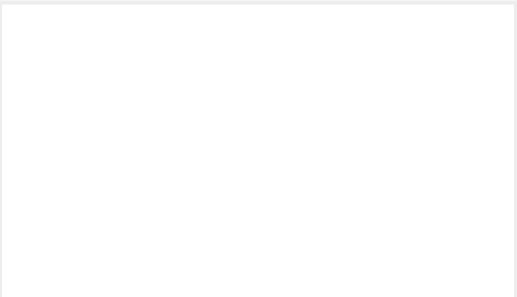
TE Part #5052942064
RNF-100-3/32-0-STK



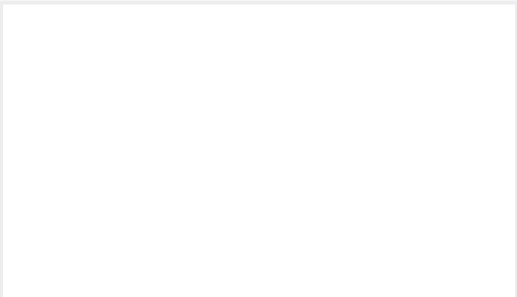
TE Part #6469079-1
HMZD HDR ASSY 4 PR SELECT LOAD



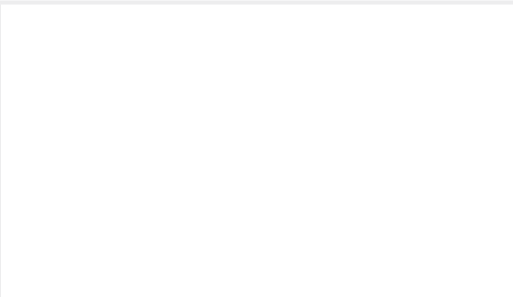
TE Part #2338336-2
SCREW SLIVER2.0 STRADDLE MOUNT



TE Part #3-2299924-6
ZQSFP+ STACKED REC ASSEMBLY 2X3, W/LP HS



TE Part #1645547-1
HMZD HDR ASSY 4 PR SELECT LOAD 1.8



TE Part #2169259-5
SFP+ 1x6 Cage Assy, W/heatsink open

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

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Product Specifications

Product Specification

English