



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: **External Springs**

Pluggable I/O Applications: **SFP+**

Lightpipe Options: **With Lightpipe**

Features

Product Type Features

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

Configuration Features

Port Matrix Configuration	1 x 4
Lightpipe Configuration	Dual Round
Lightpipe Style	Reduced Length
Lightpipe Profile	Standard
Number of Ports	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 Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment



Connector Mounting Type	Board Mount
Housing Features	
Cage Material	Nickel Silver
Dimensions	
PCB Thickness (Recommended)	2.25 mm[.089 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Heat Sink Compatible	No
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+
Circuit Application	Signal
Packaging Features	
Packaging Method	Box, Box & Tray
Other	
EMI Containment Feature Type	External 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

 <p>TE Part # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>	 <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>
 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>
 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>	 <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>	 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 AWG</p>
 <p>TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG</p>	 <p>TE Part # 2142970-1 CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M</p>	 <p>TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M</p>



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



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

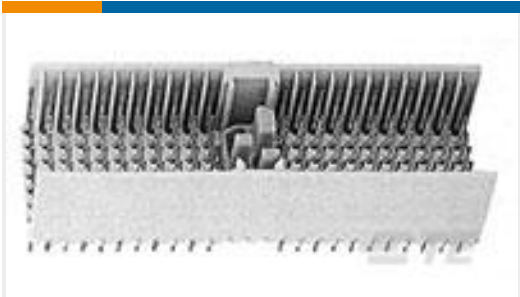


TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



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

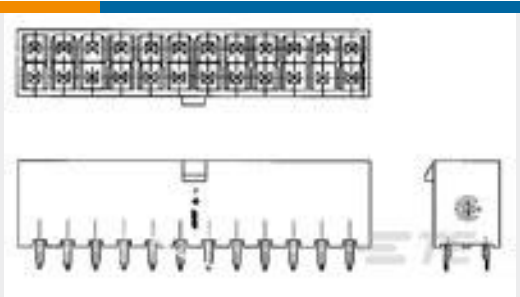
Customers Also Bought



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



TE Part #1888247-1
20 POS SMT CONN, SFP/SFP+, 30A



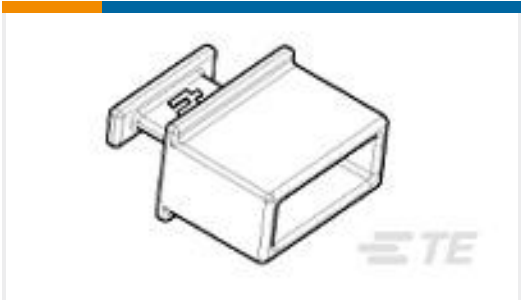
TE Part #2-1586037-0
20P VERT HDR VAL-U-LOK V2



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



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



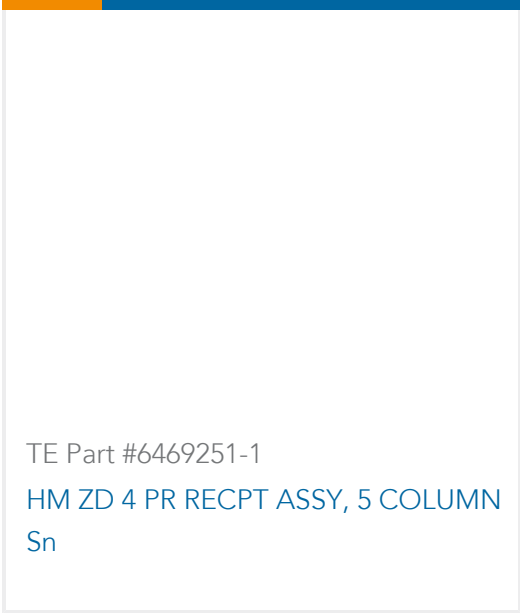
TE Part #1888810-2
EMI/Dust Cover,XFP And QSFP



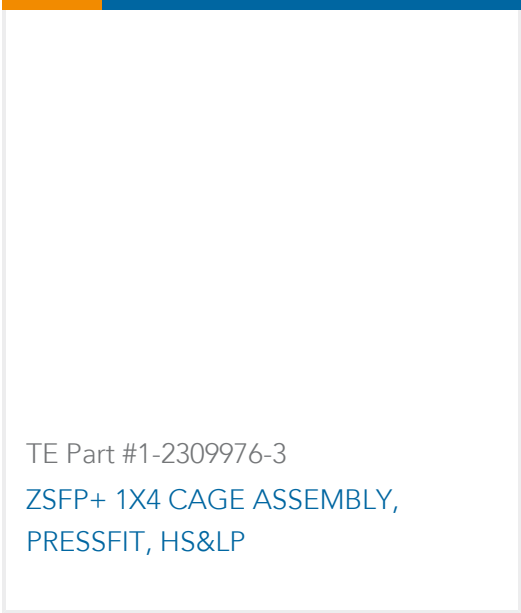
TE Part #2007637-5
SFP+ assy 2x2 Spring Fingers 4 LP Sn



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



TE Part #6469251-1
HM ZD 4 PR RECPT ASSY, 5 COLUMN Sn



TE Part #1-2309976-3
ZSFP+ 1X4 CAGE ASSEMBLY, PRESSFIT, HS&LP

Documents

Product Drawings

SFP+ 1x4 Cage Assembly, Light Pipes

English

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

Product Environmental Compliance

[TE Material Declaration](#)

English