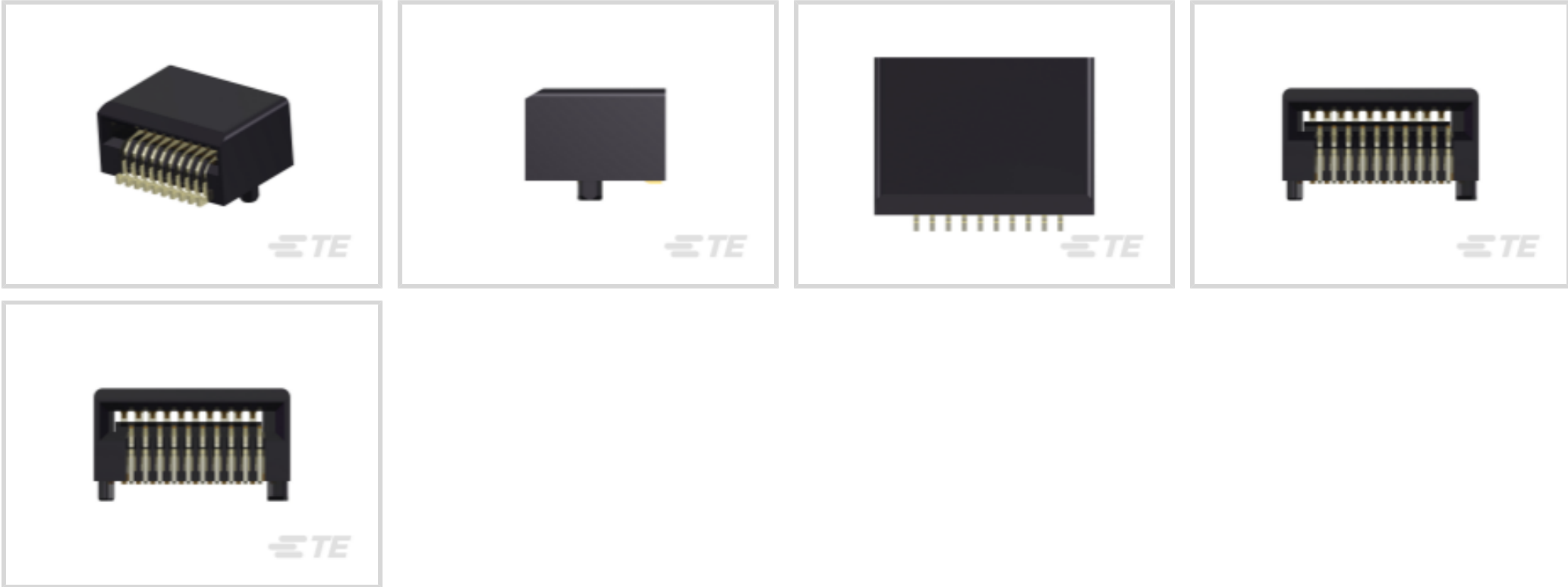




Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Connector**

Centerline (Pitch): **.8 mm [.031 in]**

Sealable: **No**

Circuit Application: **Power & Signal**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	zSFP+

Configuration Features

Number of Positions	20
---------------------	----

Electrical Characteristics

Data Rate (Max)	32 Gb/s
-----------------	---------

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Surface Mount
---------------------------	---------------

Housing Features

Centerline (Pitch)	.8 mm[.031 in]
--------------------	----------------



Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Pluggable I/O Applications	SFP+
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Reel
------------------	------

Other

Included Lightpipe	No
--------------------	----

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	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

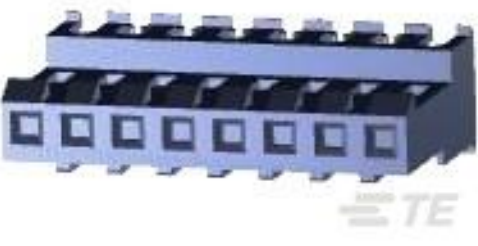
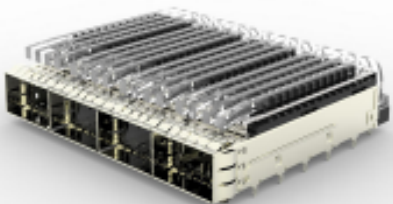
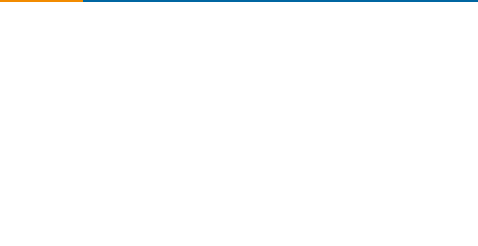
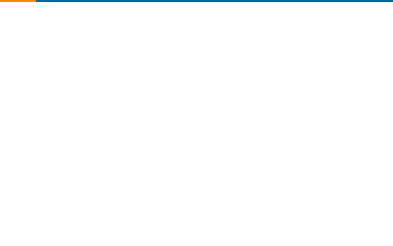
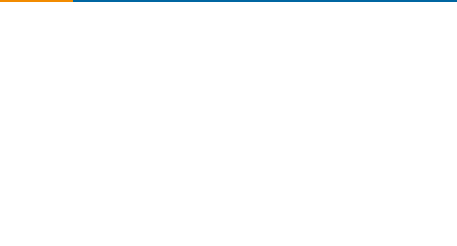
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 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-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG	 TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # 2309976-6 ZSFP+ 1X4 CAGE ASSEMBLY, PRESSFIT, HS&LP

Customers Also Bought

 TE Part #3-640599-8 08P MTA156 CONN ASSY 18AWG ORA	 TE Part #2170790-3 CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP	 TE Part #2170703-1 CAGE ASSEMBLY, QSFP28 1X1, SPRING	 TE Part #2007400-1 SFP+ 1x2 Cage Assy with Light Pipe
 TE Part #2100870-1 C/A, SFP+, 1M 30AWG, JUNIPER	 TE Part #2149782-1 STRADA Whisper Guide Module	 TE Part #2302014-1 ZSFP+ 1X8 CAGE ASSY, PRESS-FIT, LP, HS	



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170088-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170088-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170088-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

zSFP+ Interconnect Brochure

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English