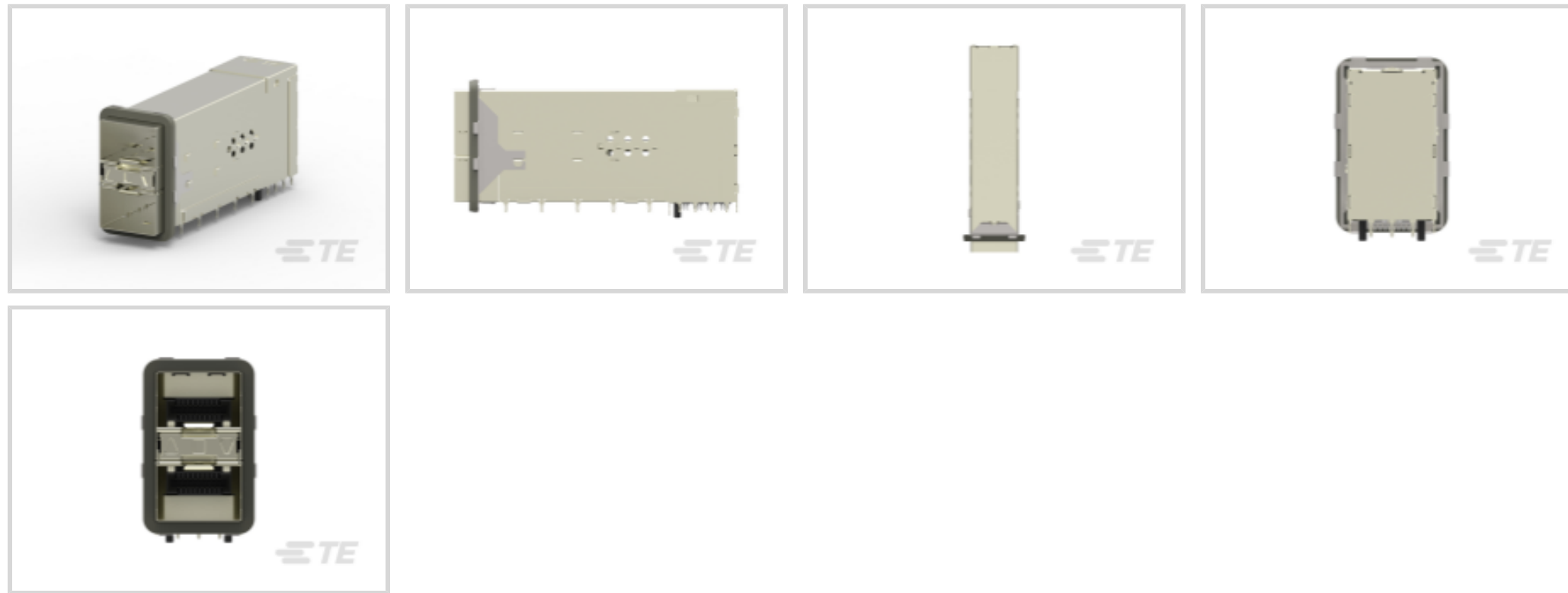# 1-2198318-7 ✓ ACTIVE

TE Internal #: 1-2198318-7

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, Elastomeric Gasket, zSFP+ Thermally Enhanced, With Lightpipe

View on TE.com >

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Data Rate (Max): **32 Gb/s**

EMI Containment Feature Type: **Elastomeric Gasket**

Pluggable I/O Applications: **zSFP+ Thermally Enhanced**

Lightpipe Options: **With Lightpipe**

All zSFP+ Stacked Cage Assembly: Gasket (40)

Features

Product Type Features

Form Factor	zSFP+ Stacked (SFP28)
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Lightpipe Options	With Lightpipe
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 1
Lightpipe Configuration	Three
Lightpipe Style	Standard
Number of Ports	2
Number of Positions	40

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SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, Elastomeric Gasket, zSFP+ Thermally Enhanced, With Lightpipe

Electrical Characteristics

Data Rate (Max)	32 Gb/s

Contact Features

Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel

Termination Features

Termination Post & Tail Length	1.8 mm[.07 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.032 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 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	zSFP+ SMT Connector
Pluggable I/O Applications	zSFP+ Thermally Enhanced
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Other

EMI Containment Feature Type	Elastomeric Gasket

Product Compliance

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

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SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, Elastomeric Gasket, zSFP+ Thermally Enhanced, With Lightpipe

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 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

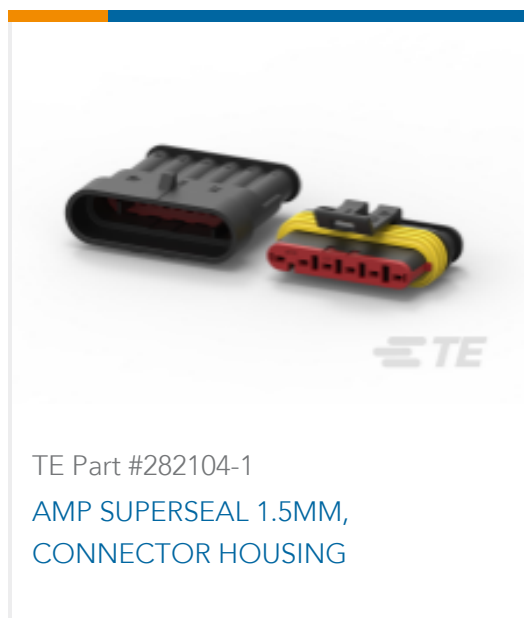QSFP56-Four SFP56 Cable Assembly: 26 AWG

TE Part # 4-2821222-5

SFP56 DIRECT ATTACH CA, 2M, 30AWG

TE Part # 4-2821224-5

SFP56 DIRECT ATTACH CA, 3M, 26AWG

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, Elastomeric Gasket, zSFP+ Thermally Enhanced, With Lightpipe

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

TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-C11-N490111
SFP28 to SFP28 Cable Assembly: 28 AWG

Customers Also Bought

TE Part #206070-8
CABLE CLAMP KIT #17

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0462-201-16141
DEUTSCH Solid Contacts

TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2198318-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2198318-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2198318-7_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

1-2198318-7

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32
Gb/s, Elastomeric Gasket, zSFP+ Thermally Enhanced, With Lightpipe

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English