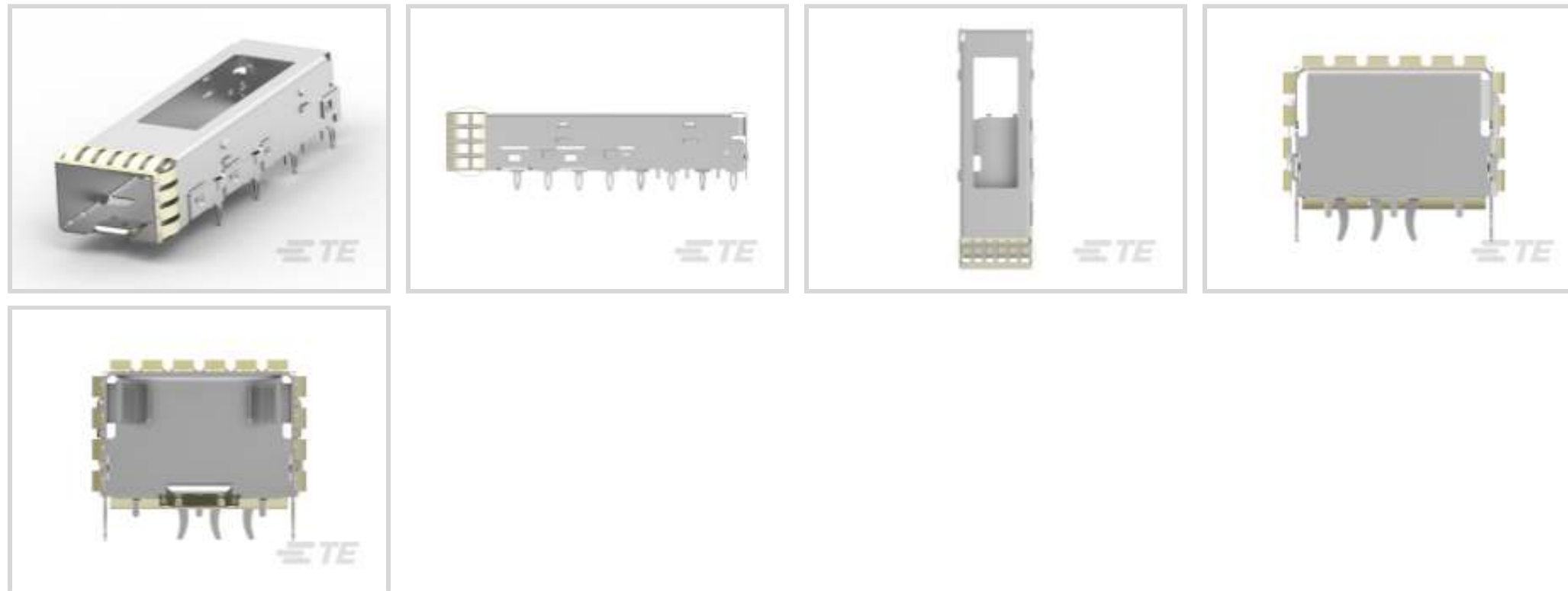# 2170680-2 ✓ ACTIVE

TE Internal #: 2170680-2

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port

View on TE.com >

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: **Internal/External EMI Springs**

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

Lightpipe Options: **Not Optional**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Number of Ports	1

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Cage Material	Nickel Silver Alloy

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	Yes
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+
Circuit Application	Signal

Packaging Features

Packaging Method	Tray

Other

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	Not applicable for solder process capability

Product Compliance Disclaimer

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI
Springs, SFP+, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port

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

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

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

TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG

Customers Also Bought

2170680-2

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port

TE Part #5380598-2
RCR AU-SPR SN-CUP 018-040

TE Part #4-1879233-9
SMW5 10R 5%

TE Part #434716-000
STD03W-3

TE Part #224512-E
MSPEED 50 F SMD F6 * AB VV 137 094 * * E

TE Part #224559-E
MSPEED 50 M SMD M9 * AB VV 137 176 * * E

Documents

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2170680-2_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2170680-2_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2170680-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications
Application Specification

English