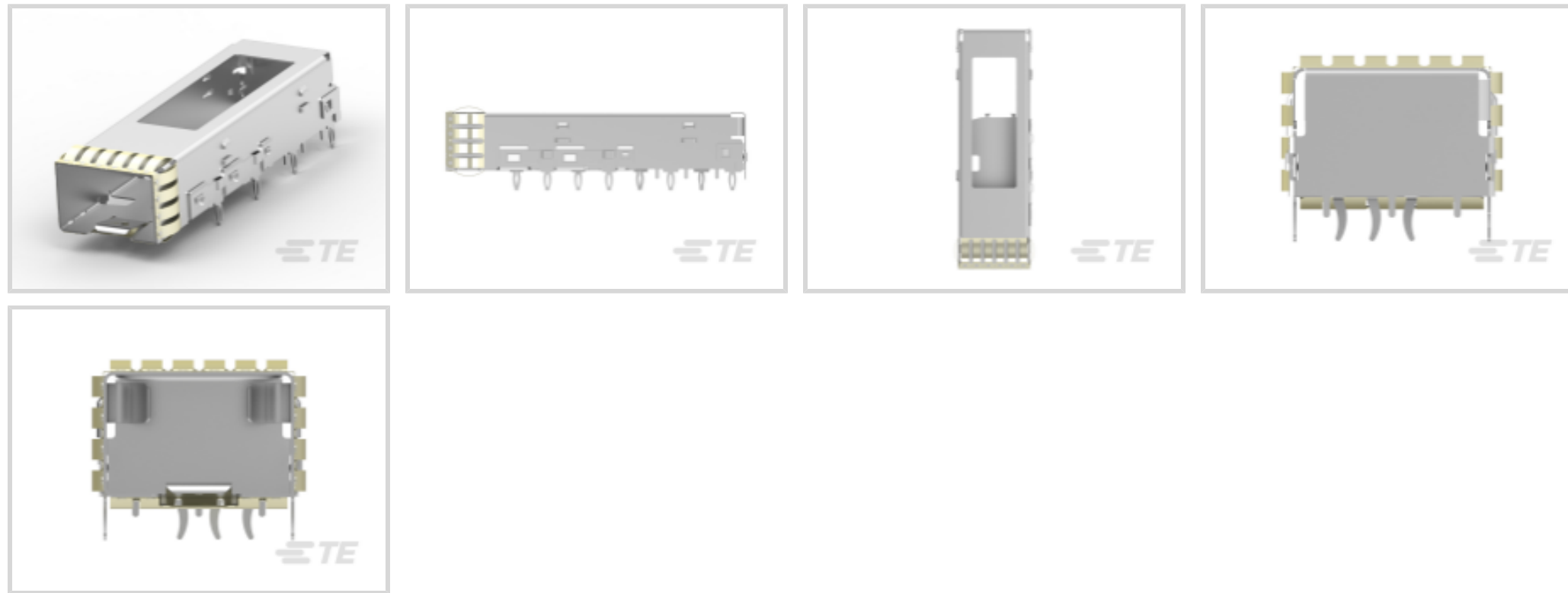




TE Internal #: 2170680-2
 SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, EMI Springs, SFP+, Port Matrix Configuration 1 x 1, Through Hole - Press-Fit, 1 Port

[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: **EMI Springs**

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

Included Lightpipe: **No**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
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
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Termination Features

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



PCB Mounting Style	Through Hole - Press-Fit
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Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Nickel Silver Alloy
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Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Heat Sink Compatible	Yes
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For Use With Pluggable I/O Products	SFP+ SMT Connector
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Pluggable I/O Applications	SFP+
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Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
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Other

EMI Containment Feature Type	EMI Springs
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Included Lightpipe	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



Customers Also Bought



TE Part #T4062224004-001
M8 MR-FR DOUBLE ENDED CABLE



TE Part #1734035-2
MINI USB, TYPE B, R/A, SMT



TE Part #1775485-1
Battery Holder, 3.6mm, BLK, low profile



TE Part #1676430-2
RN 0805 76K8 0.1% 10PPM 1KRL



TE Part #2-1437579-0
TSS21NGRA=SWITCH SLIDE RA TERM



TE Part #1-2199230-6
M.2 CONNECTORS



TE Part #1719101-1
PCB CONTACTS



TE Part #120953-1
TE UPM Ver Receptacle 4P HC Power



TE Part #1-794069-0
18P MINI UMNL HDR W/DH SN LF



TE Part #1744446-8
Hdr Assy, EP 2.5 RA, 8 Pos., GW

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