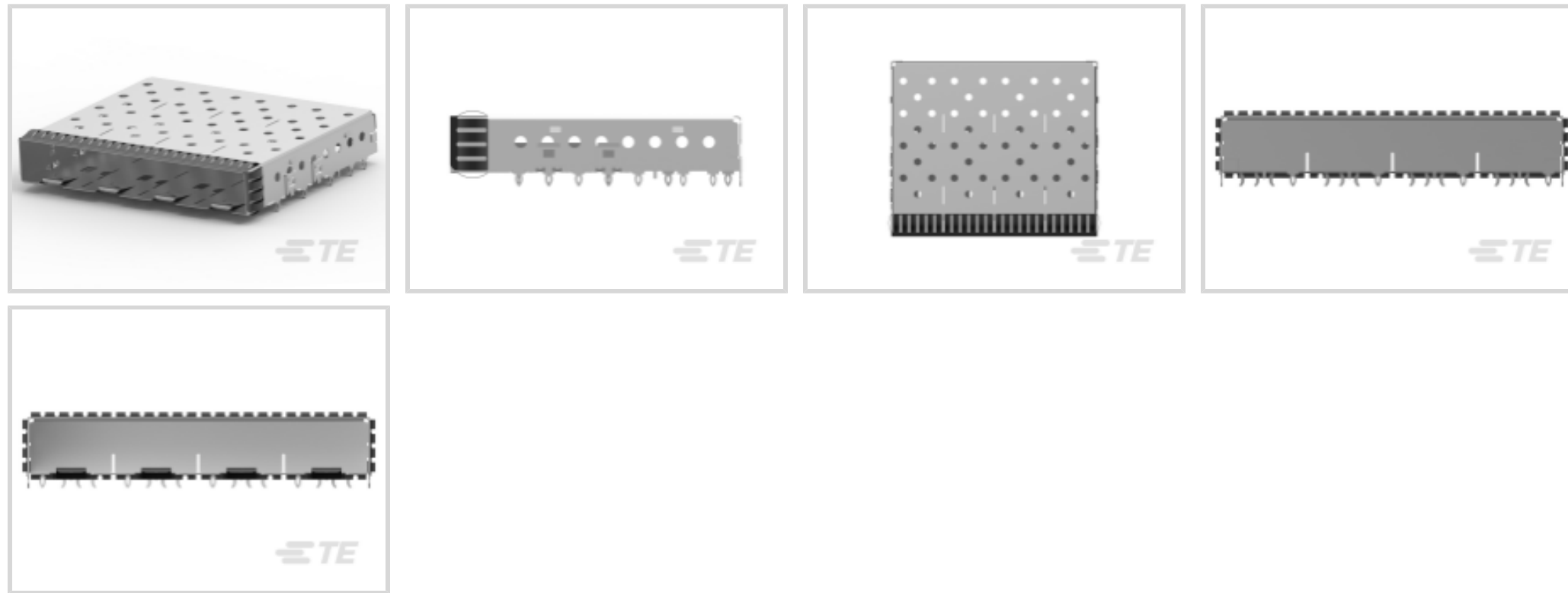# 2007178-1 ✓ ACTIVE

TE Internal #: 2007178-1

SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, External Springs, SFP+, Included Lightpipe, Port Matrix Configuration 1 x 4, Dual Round

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: **External Springs**

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

Included Lightpipe: **Yes**

Features

Product Type Features

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

Configuration Features

Port Matrix Configuration	1 x 4
Lightpipe Configuration	Dual Round
Lightpipe Style	Standard
Lightpipe Profile	Standard
Number of Ports	4

Electrical Characteristics

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SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, External Springs, SFP+,
Included Lightpipe, Port Matrix Configuration 1 x 4, Dual Round

Data Rate (Max)	16 Gb/s

Termination Features

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

Mechanical Attachment

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

Housing Features

Cage Material	Nickel Silver

Dimensions

Tail Length	2.05 mm[.081 in]
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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Box

Other

EMI Containment Feature Type	External Springs
Included Lightpipe	Yes

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

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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
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-SF59-C76264

SFP Connectors

TE Part # CAT-C11-H50626

SFP+ to SFP+ I/O Cable Assembly: 30 AWG

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-N49011142

SFP28 to SFP28 Cable Assembly: 32 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 # CAT-C11-G28037

SFP56 to SFP56 Cable Assembly: 30 AWG

TE Part # CAT-C11-G28

SFP56 to SFP56 Cable Assembly: 26 AWG

TE Part # 4-2334985-2

SFP56 DIRECT ATTACH CA, 1M, 32AWG

TE Part # 1888901-1

SFP+ EMI Plug

TE Part # 1367147-1

SFP COVER, UNPLATED

TE Part # 1761394-1

DUST COVER, SFP, GANGED & STACKED

TE Part # CAT-C11-H5

SFP+ to SFP+ I/O Cable Assembly: 24 AWG

TE Part # CAT-C11-H506

SFP+ to SFP+ I/O Cable Assembly: 26 AWG

TE Part # CAT-C11-H5062

SFP+ to SFP+ I/O Cable Assembly: 28 AWG

TE Part # 2018002-1

SEATING TOOL, 1X4 KIT

TE Part # 2142970-1

CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M

Customers Also Bought

TE Part #1489951-1

XFP Cage Assemblies and Kits

TE Part #1934304-1

Tin Man Header Assy 4x8 Right
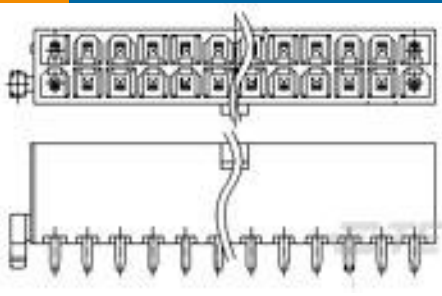
TE Part #1542618-2

XFP MSA SAN APPLICATION

TE Part #8-5353164-6

ON TAPING (EMBOSS) O.5MM PITCH FS CONN.

TE Part #1489948-2

XFP HEAT SINK CLIP, PLATED

TE Part #1827625-1

SHIELD FINGER 3014 ANTI OVER STRESS TYPE

TE Part #1775099-8

ATX PWR CONN 1 BDLK 12 POS

TE Part #174520-1

4P CMNL PIN HDR ASSY V

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SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, External Springs, SFP+, Included Lightpipe, Port Matrix Configuration 1 x 4, Dual Round

TE Part #1734795-6
MOD JACK,RJ45,8P8C,SHIELD, W/PANEL,15u"

TE Part #1747498-2
DYNAMIC 4000 REC AND TAB CONT

Documents

Product Drawings

SFP+ 1x4 Cage Assembly, Light

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2007178-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2007178-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2007178-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

1773408-1 Pluggable Input/Output Solutions catalog - SFP+ section

English

SFP+ Product Family: Cages, Connectors, Cable Assemblies 4-1773449-5

English

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English