

2227316-1 ✓ ACTIVE

SFP28 | DWDM

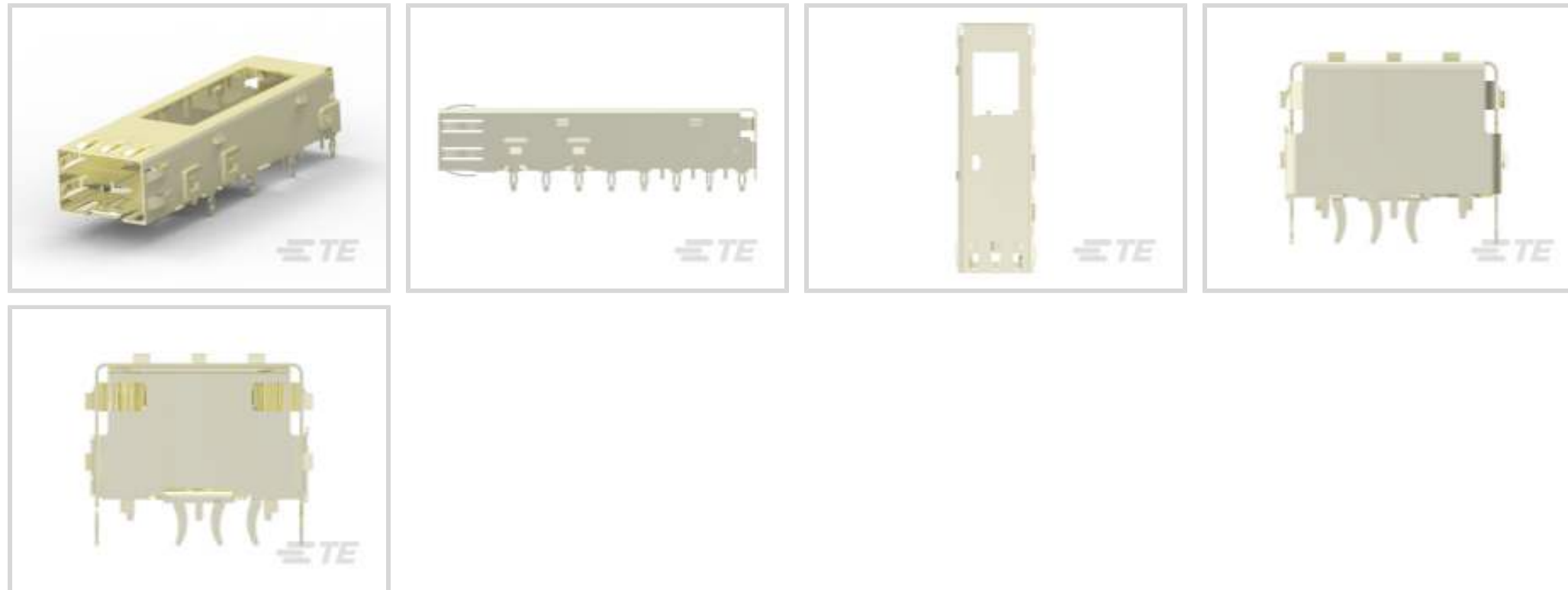
TE Internal #: 2227316-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 4 Gb/s, Internal /External EMI Springs, SFP, Not Optional, 1 x 1, Through Hole - Press-Fit, 1 Port, DWDM

[View on TE.com >](#)



Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+ > SFP Connectors



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

Data Rate (Max): **4 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **SFP**

Lightpipe Options: **Not Optional**

[All SFP Connectors \(10\)](#)

Features

Product Type Features

Form Factor	SFP
Cage Type	Single
Pluggable I/O Product Type	Cage
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Number of Ports	1

Electrical Characteristics

Data Rate (Max)	4 Gb/s
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Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Stainless Steel
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Dimensions

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

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

Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	SFP SMT Connector
Pluggable I/O Applications	SFP

Packaging Features

Packaging Method	Box
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Other

EMI Containment Feature Type	Internal/External EMI Springs
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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: JAN 2023 (233) 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

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 # 1888901-1
SFP+ EMI Plug



TE Part # 1367147-1
SFP COVER, UNPLATED



TE Part # 1367147-3
SFP COVER, UNPL, NO LOGO



TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED



TE Part # 2215077-3
ASSY, SEATING TOOL, SFP

Also in the Series | DWDM



SFP, SFP+ & zSFP+(4)

Customers Also Bought



TE Part #2299805-3
NRW BACK PLATE ASSY, SOCKET P0,
STUD7.74MM



TE Part #4-1879022-1
SMF3 15K 5%



TE Part #2227104-1
1X2 CAGE ASSY, BHND BEZEL,
QSFP28



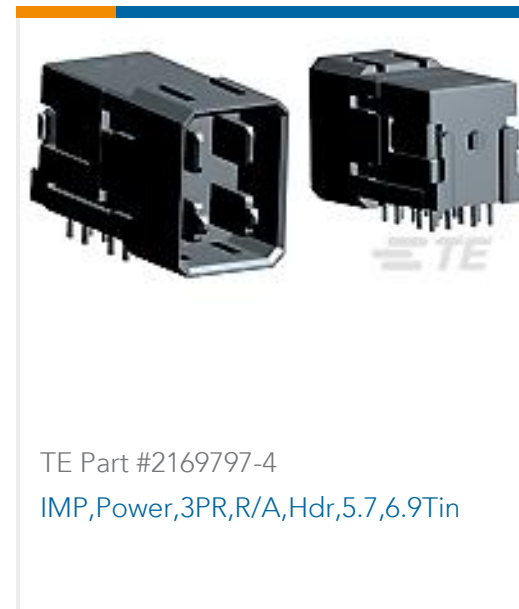
TE Part #2065657-1
zd Plus, 4 pair, receptacle assy



TE Part #4-2176329-5
CRGP 1210 47K 1%



TE Part #1-2007703-1
IMP100S,R,RA3P10C,LG,39



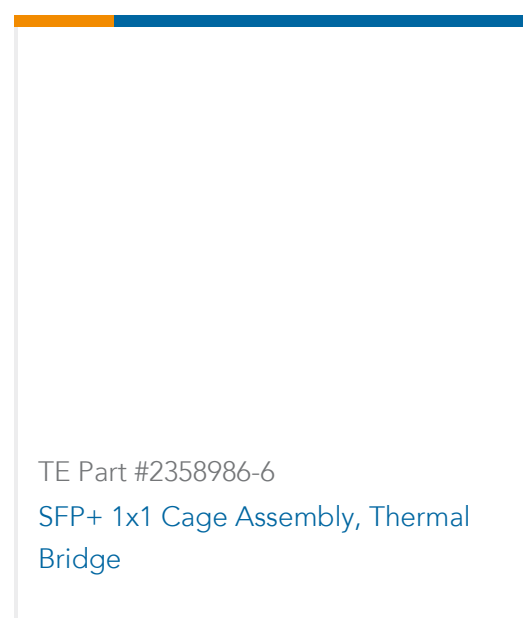
TE Part #2169797-4
IMP,Power,3PR,R/A,Hdr,5.7,6.9Tin



TE Part #2325864-2
SFP-DD RECEPTACLE W HOLD
DOWNS ASSEMBLY



TE Part #2359292-1
CAGE ASSEMBLY,SFP-DD 1X1,
THERMAL BRIDGE



TE Part #2358986-6
SFP+ 1x1 Cage Assembly, Thermal
Bridge

Documents

Product Drawings

DWDM Cage Assembly, 11 PF

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2227316-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2227316-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2227316-1_A.3d_stp.zip](#)

English

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Product Specifications



Product Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English