2227316-1 ✔ ACTIVE

SFP28 | DWDM

TE Internal #: 2227316-1

SFP, Cage, Operating Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 4 Gb/s, 1 Ports, Port Matrix Configuration 1 x 1

View on TE.com >

Form Factor: **SFP**

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

Sealable: **No**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

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

All SFP Connectors (10)

Features

Product Type Features

Cage Type	Single
Form Factor	SFP
Pluggable I/O Product Type	Cage
Sealable	No

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	4 Gb/s

Termination Features

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

Housing Features

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Cage Material	Stainless Steel

Dimensions

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

Usage Conditions

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

Operation/Application

Pluggable I/O Applications	SFP
Heat Sink Compatible	Yes

Packaging Features

Packaging Method	Box

Other

Included Lightpipe	No
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

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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 # 2215077-3
ASSY, SEATING TOOL, SFP

TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED
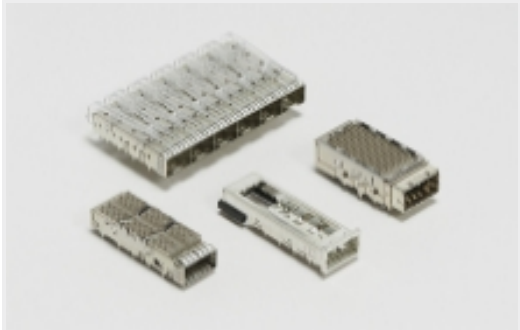
TE Part # 1367147-3
SFP COVER, UNPL, NO LOGO

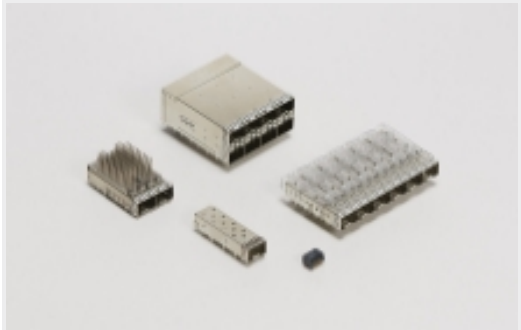TE Part # 1367147-1
SFP COVER, UNPLATED
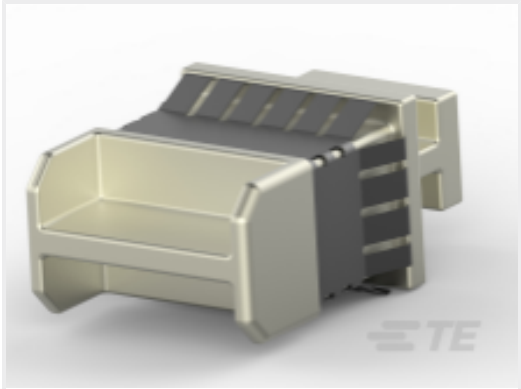
TE Part # 1888901-1
SFP+ EMI Plug

Also in the Series | DWDM

Pluggable IO Connectors & Cages(4)

SFP, SFP+ & zSFP+(4)

Customers Also Bought

TE Part #1367646-4
Heatsink clip Stamped and Form

TE Part #1963854-2
HEAT SINK SFP DWDM 10.0mm TALL

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

TE Part #6469048-1
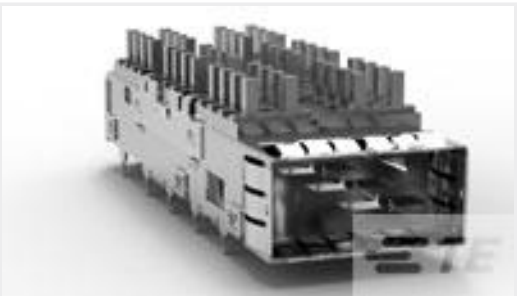HMZD 4PR RA HDR 80P ASSY LF

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TE Part #6116353-8
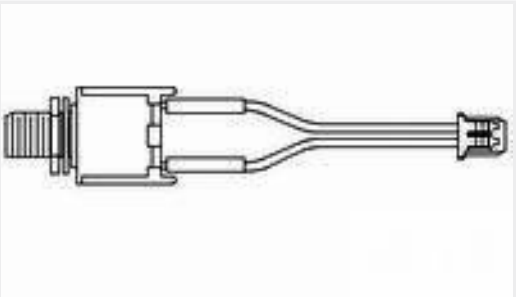INV MJ,1X2,PNL GRD,LED (YG/YG)

TE Part #1825096-4
TPA11CGRA004

TE Part #1-5767096-0
MICT,REC,114,ASY,.025,TAPE,CAP

TE Part #1888631-2
Cage Assy SAN Hsink QSFP Thru Bezel

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

TE Part #1559528-1
30-W2297F04B, CABLE ASSEMBLY

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

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

Product Specifications

Product Specification

English