2288172-7 ✔ ACTIVE

TE Internal #: 2288172-7

SFP/SFP+/zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, EMI Springs, zSFP+ Thermally Enhanced, Included Lightpipe

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > SFP/SFP+/zSFP+ > zSFP+ Stacked Cage Assembly: EMI Spring

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Data Rate (Max):   **32 Gb/s**

EMI Containment Feature Type: **EMI Springs**

Pluggable I/O Applications: **zSFP+ Thermally Enhanced**

Included Lightpipe: **Yes**

All zSFP+ Stacked Cage Assembly: EMI Spring (45)

Features

Product Type Features

Form Factor	zSFP+ Stacked (SFP28)
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Integrated Lightpipes	Yes
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 12
Lightpipe Configuration	Dual Triangular (Inner)
Lightpipe Style	Standard
Number of Ports	24
Number of Positions	480

Electrical Characteristics

Data Rate (Max)	32 Gb/s

Contact Features

Tail Plating Material	Tin

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Contact Mating Area Plating Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel

Termination Features

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

Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit

Housing Features

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.032 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
Tail Length	1.8 mm[.07 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Heat Sink Compatible	No
For Use With Pluggable I/O Products	zSFP+ SMT Connector
Pluggable I/O Applications	zSFP+ Thermally Enhanced
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Other

EMI Containment Feature Type	EMI 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

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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 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-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

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TE Part # CAT-C11-G28
SFP56 to SFP56 Cable Assembly: 26 AWG

TE Part # 2821262-1
SFP28 DIRECT ATTACH CA, 0.5M, 33AWG

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

TE Part # CAT-C11-N490111
SFP28 to SFP28 Cable Assembly: 28 AWG

TE Part # 2821262-2
SFP28 DIRECT ATTACH CA, 1.0M, 33AWG

TE Part # 2821262-3
SFP28 DIRECT ATTACH CA, 1.5M, 33AWG

TE Part # 2821262-4
SFP28 DIRECT ATTACH CA, 2.0M, 33AWG

Customers Also Bought

TE Part #1469265-5
UPM R/A KEYED GUIDE PIN

TE Part #1735482-3
Free Height Receptacle Conn: Board-Board, Vertical, 80, 0.8mm

TE Part #2149490-6
SFP+ Stacked Cage Assemblies

TE Part #5-102699-5
12 MODII HDR DRST SHRD A/PIN

TE Part #2127932-4
SFP+ to SFP+ I/O Cable Assembly: 28 AWG

TE Part #2127934-1
SFP+ to SFP+ I/O Cable Assembly: 24 AWG

TE Part #1-2227669-0
ZQSFP+ STACKED REC ASSEMBLY 2X1,4LP DOWN

TE Part #1367337-2
70 POS PT CONNECTOR, X2, XENPAK, 30 AU

TE Part #2-2227669-0
ZQSFP+ STACKED REC ASSEMBLY 2X1,4LP DOWN

Documents

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/s, EMI Springs, zSFP+ Thermally Enhanced, Included Lightpipe

Product Drawings

ZSFP+ STACKED 2X12 RCPT ASSY, EMI SPRING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2288172-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2288172-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2288172-7_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

zSFP+ Interconnect Brochure

English