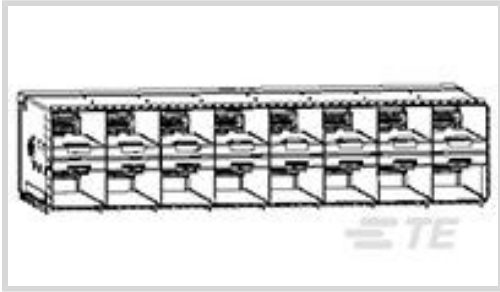




TE Internal #: 2-2198346-0
SFP/SFP+/zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 32 Gb/s, External Springs, zSFP+ Thermally Enhanced, Included Lightpipe
[View on TE.com >](#)

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: **External 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	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 8
Lightpipe Configuration	Reversed Outer
Lightpipe Style	Standard
Number of Ports	16
Number of Positions	320

Electrical Characteristics

Data Rate (Max)	32 Gb/s
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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
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Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
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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	-55 – 105 °C[-67 – 221 °F]
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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
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Packaging Features

Packaging Method	Tray
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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	Not Yet Reviewed
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 2021 (211) Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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-N4901142 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 # 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 #2-6609987-4

CORCOM SRB SERIES IEC FILTERED INLETS



TE Part #2198325-6

zSFP+ Stacked Cage Assembly: EMI Spring



TE Part #1-1879215-7

CPF 0402 5K9 0.1% 25PPM 1K RL



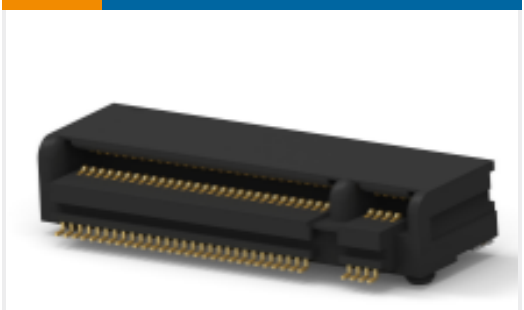
TE Part #2170704-6

CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #5145274-1

CONN SEC II 13 POS 100C/L



TE Part #1-2199119-3

M.2 CONNECTORS



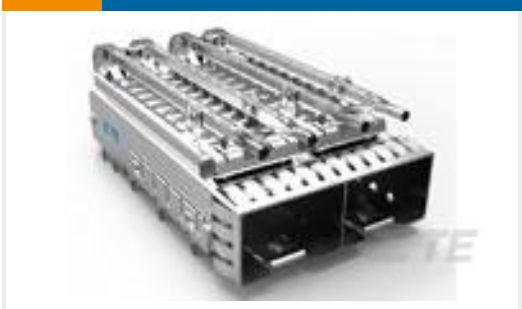
TE Part #1571091-2

PRBSA1-16F-BB0BW=POWER ROCKER



TE Part #2170704-9

CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #2198232-3

SFP+ Enhanced 1x2, Network Heatsink, LP



TE Part #2-2013289-2

EMBOSS TAPE DDR3 204P 5.2H STD Au 0.25

Documents



Product Drawings

zSFP+ STACKED 2X8 RECEPTACLE ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2198346-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2198346-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2198346-0_B.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

Product Specifications

Application Specification

English