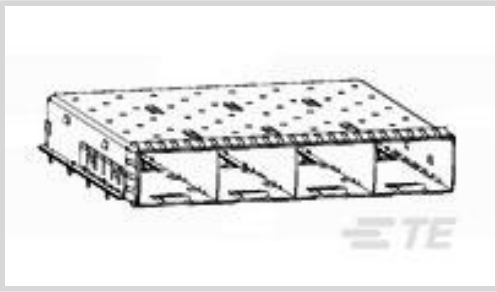




TE Internal #: 2227730-1
SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 28 Gb/s,
Internal/External EMI Springs, EMI Enhanced, Not Optional, 1 x 4,
None
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+ > zSFP+ Cage Assembly: EMI Springs



Pluggable I/O Product Type: **Cage Assembly**
Data Rate (Max): **28 Gb/s**
EMI Containment Feature Type: **Internal/External EMI Springs**
Pluggable I/O Applications: **EMI Enhanced**
Lightpipe Options: **Not Optional**
[All zSFP+ Cage Assembly: EMI Springs \(25\)](#)

Features

Product Type Features

Form Factor	zSFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
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 4
Lightpipe Configuration	None
Number of Ports	4

Electrical Characteristics

Data Rate (Max)	28 Gb/s
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Termination Features

Termination Post & Tail Length	2.05 mm[.081 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	Nickel Silver Alloy
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Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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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	EMI Enhanced
Circuit Application	Signal

Packaging Features

Packaging Method	Tray
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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: JAN 2023 (233) 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

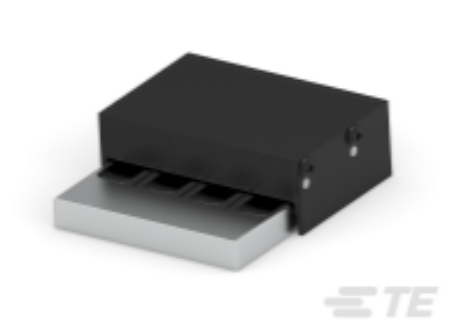
Product Compliance Disclaimer

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

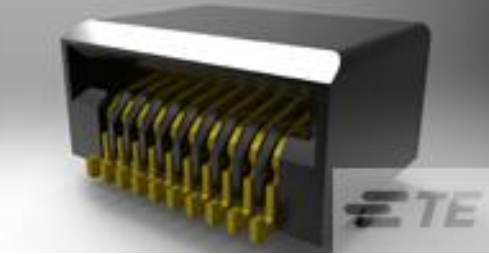


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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-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-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 # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG
 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG	 TE Part # 2215061-4 ASSY, SEATING TL, ZSFP+ 1 X 4

Customers Also Bought

 TE Part #6-1393211-6 T92P7D12-24	 TE Part #1-86561-0 FFC,PIN CONTACT,LP,ROUND WIRE,	 TE Part #2309408-1 DDR4 SODIMM 260P 4.0H RVS	 TE Part #2170088-1 ZSFP+ Connector,30u"
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TE Part #62181-1
187 FASTON REC 24-20 AWG TPBR



TE Part #2199088-2
3.5MM MID-MOUNT AUDIO JACK



TE Part #2199001-1
SHIELD FINGER 1210 EMBOSS
PACKING



TE Part #2-1379700-2
4W TH HEADER ASSY GREY

TE Part #2320065-1
MINI IO CABLE ASSEMBLY

TE Part #711-00551-01
FBR JUMPR,SMPLX,900,LC/LC(BL),SM,
26 inch

Documents

Product Drawings

zSFP+ 1x4 Cage Assembly, Press-Fit

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227730-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227730-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227730-1_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

Product Environmental Compliance

MD_2227730-1_091220171216_dmtec



English

[MD_2227730-1_091220171216_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English