



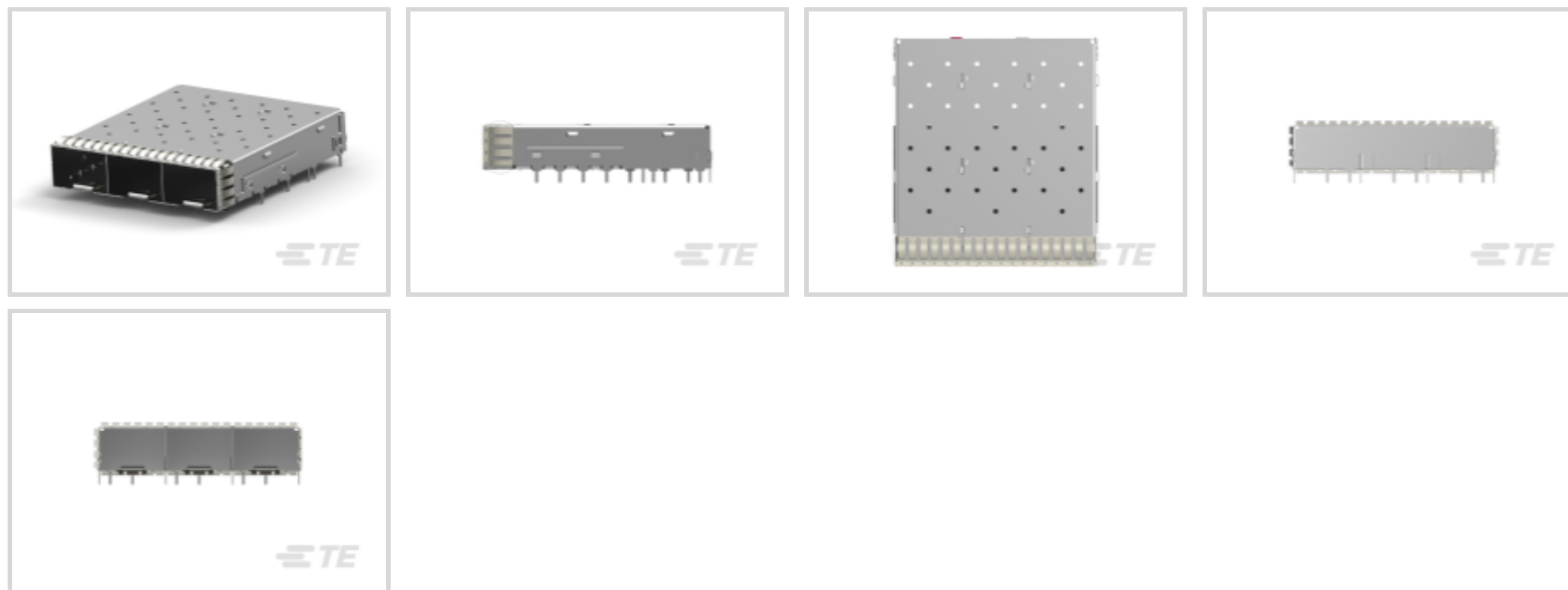
SFP28

TE Internal #: 2350203-1

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 32 Gb/s, External Springs, Not Optional, 1 x 3, Through Hole - Solder, 3 Port, Cable-to-Board

[View on TE.com >](#)

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



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

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

EMI Containment Feature Type: **External Springs**

Lightpipe Options: **Not Optional**

Port Matrix Configuration: **1 x 3**

**Features**

**Product Type Features**

Form Factor	zSFP+
Pluggable I/O Accessory Type	Dust & EMI Cover
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 3
Number of Ports	3

**Electrical Characteristics**

Data Rate (Max)	32 Gb/s
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**Contact Features**



Contact Mating Area Plating Material	Gold
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Gold Flash
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Contact Current Rating (Max)	.5 A
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### Termination Features

Termination Post & Tail Length	2.5 mm[.098 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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### 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)	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
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For Use With Pluggable I/O Products	zSFP+ SMT Connector
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Circuit Application	Signal
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### 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
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022  
(224)Candidate List Declared Against: JAN 2021  
(211)

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



## Documents

### Product Drawings

ZSFP+ 1X3 CAGE ASSEMBLY, SOLDER TAIL

English

### CAD Files

3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2350203-1\\_1.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2350203-1\\_1.3d\\_igs.zip](#)



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2350203-1\\_1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English