



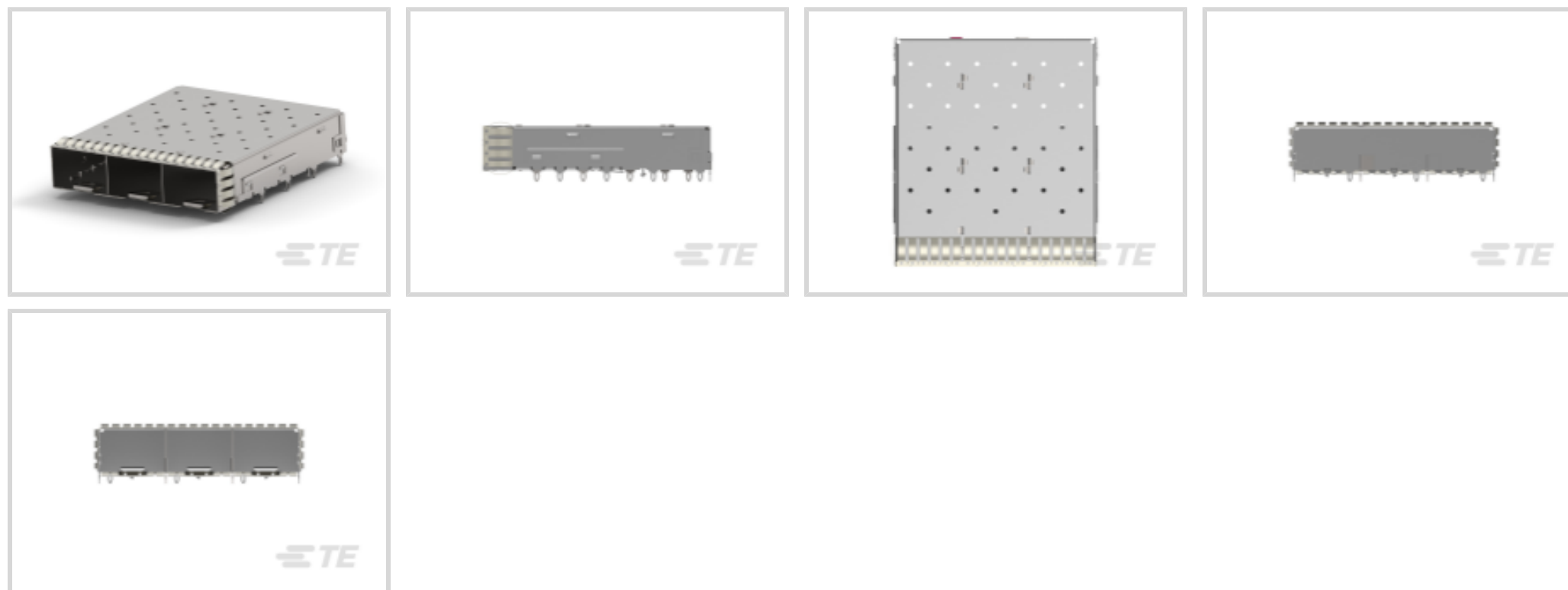
SFP28

TE Internal #: 2350202-1

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

[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): **32 Gb/s**  
 EMI Containment Feature Type: **External Springs**  
 Lightpipe Options: **Not Optional**  
 Port Matrix Configuration: **1 x 3**

[All zSFP+ Cage Assembly: EMI Springs \(25\)](#)

**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 |
|-----------------|---------|

### Contact Features

|                                      |      |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

|                               |        |
|-------------------------------|--------|
| Contact Underplating Material | Nickel |
|-------------------------------|--------|

|   |            |
|---|------------|
| PCB Contact Termination Area Plating Material | Gold Flash |
|---|------------|

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | .5 A |
|------------------------------|------|

### Termination Features

|                                |         |
|--------------------------------|---------|
| Termination Post & Tail Length | 2.05 mm |
|--------------------------------|---------|

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

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|               |                 |
|---------------|-----------------|
| Cage Material | Stainless Steel |
|---------------|-----------------|

### Dimensions

|                             |         |
|-----------------------------|---------|
| PCB Thickness (Recommended) | 2.25 mm |
|-----------------------------|---------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                                     |                     |
|-------------------------------------|---------------------|
| For Use With Pluggable I/O Products | zSFP+ SMT Connector |
|-------------------------------------|---------------------|

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

### Other

|                              |                  |
|------------------------------|------------------|
| EMI Containment Feature Type | External Springs |
|------------------------------|------------------|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 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 # 1761394-1  
DUST COVER, SFP, GANGED & STACKED

## Documents

## Product Drawings

ZSFP+ 1X3 CAGE ASSEMBLY, EON

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_2350202-1\_1.2d\_dxf.zip

English

## Customer View Model



[ENG\\_CVM\\_CVM\\_2350202-1\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2350202-1\\_1.3d\\_stp.zip](#)

English

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

**Product Specifications**

**Application Specification**

English