



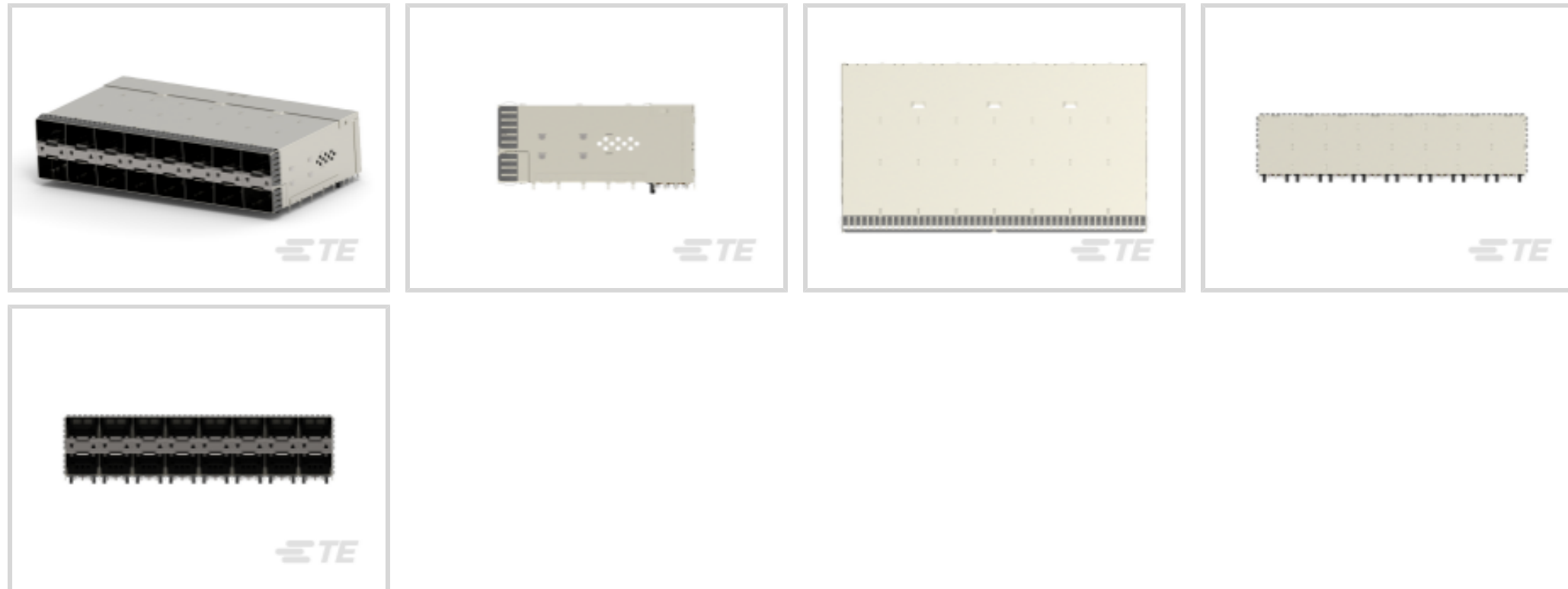
SFP56

TE Internal #: 2340033-8

SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector, Data Rate (Max) 56 Gb/s, Internal/External EMI Springs, SFP28 / SFP56, SFP56

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+ > SFP56 Stacked Cage Assembly: EMI Spring



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

Data Rate (Max): **56 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **SFP28, SFP56**

Lightpipe Options: **With Lightpipe**

[All SFP56 Stacked Cage Assembly: EMI Spring \(48\)](#)

Features

Product Type Features

| | |
|-----------------------------------|---|
| Form Factor | zSFP+ Stacked (SFP56) |
| Pluggable I/O Accessory Type | Dust & EMI Cover |
| Cage Type | Stacked |
| Pluggable I/O Product Type | Cage Assembly with Integrated Connector |
| Lightpipe Options | With Lightpipe |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---------------------------|-------|
| Port Matrix Configuration | 2 x 8 |
| Number of Ports | 16 |
| Number of Positions | 20 |

Electrical Characteristics

| | |
|-----------------|---------|
| Data Rate (Max) | 56 Gb/s |
|-----------------|---------|



Termination Features

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

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | .6 mm [.018 in] |
|--------------------|-----------------|

Usage Conditions

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

Operation/Application

| | |
|----------------------------|--------------|
| Pluggable I/O Applications | SFP28, SFP56 |
|----------------------------|--------------|

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

Other

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

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not reviewed 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 # 1761394-1
DUST COVER, SFP, GANGED & STACKED

Also in the Series | SFP56



Pluggable I/O Cable Assemblies(17)



SFP, SFP+ & zSFP+(53)

Customers Also Bought



TE Part #2349202-5
SFP56 STACKED 2X1 RECEPTACLE ASSEMBLY



TE Part #6-2213362-2
RCPT ASSY, DIMMABLE PHOTOCONTROL, 150C, 3 P



TE Part #1734100-3
Champ050 series, 30pos, Au over PdNi



TE Part #1734101-3
Champ050 series, 30pos, Au over PdNi



TE Part #1934949-1
Tinman 5pr 8col vert rcpt 15mm stack



TE Part #2-6450880-4
MBXLE R/A RCPT 4P16S4P



TE Part #2007808-2
IMP100S,H,V4P10C, LG, OEW46,4.9



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2340033-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2340033-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2340033-8_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English