



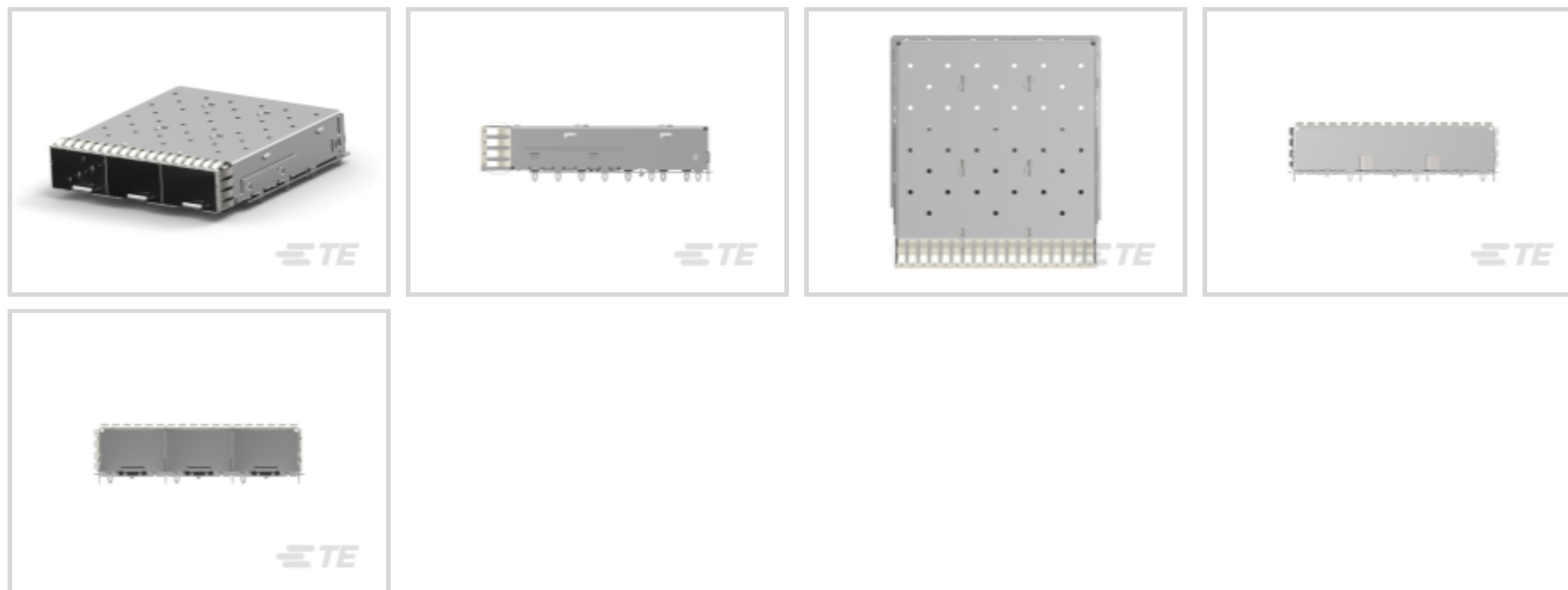
SFP28

TE Internal #: 2349050-1

SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 32 Gb/s,
External Springs, Port Matrix Configuration 1 x 3, Through Hole -
Press-Fit, 3 Port

[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**
Included Lightpipe: **No**
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
Integrated Lightpipes	No
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

Tail Plating Material	Gold
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Gold
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Contact Current Rating (Max)	.5 A
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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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Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Stainless Steel
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Dimensions

Tail Length	2.05 mm
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PCB Thickness (Recommended)	2.25 mm
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

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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Included Lightpipe	No
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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 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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



Customers Also Bought



TE Part #2007825-1
IMP100S,H,V4P16C,LG,OEWS39,4.5



TE Part #2118711-4
1 PC STD SHIELD, AL-36.83X33.68X5.08MM



TE Part #2342833-6
AVC16L FLAT S16 RED RL 500MM/2X3



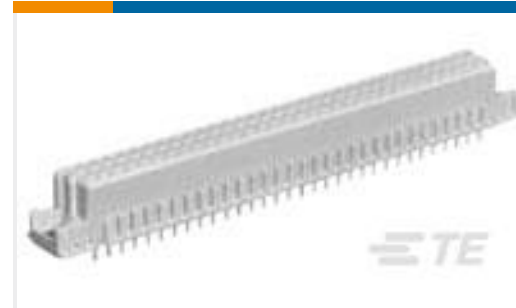
TE Part #5-2176392-4
RQ 1206 475K 0.1% 10PPM 5K RL



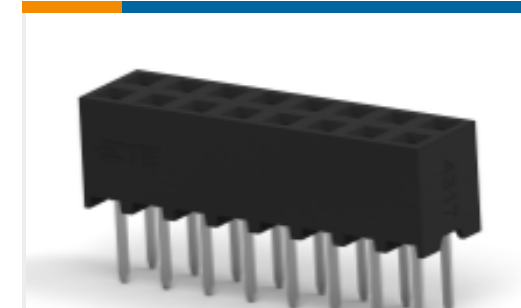
TE Part #1825043-7
UP01DTBNLA04,MICROSWITCH,SNAP



TE Part #215447-5
2X 5P MOD2 STIFTEI



TE Part #4-1393637-4
V42254P2263C480=PC612 FEDERLEI



TE Part #1-2314812-6
16P,2MM,B-B,REC,DRVVT,2.0,0.1AU,TB,W/CAP



TE Part #4-2176366-5
RQ 0603 1K24 0.1% 10PPM 1K RL



TE Part #7-2176365-7
RQ 0603 249R 0.1% 10PPM 1K RL

Documents

Product Drawings

[ZSFP+ 1X3 CAGE ASSEMBLY, PRESS-FIT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2349050-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2349050-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2349050-1_1.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English