



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



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

Sealable: **No**

Circuit Application: **Signal**

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

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

[All zSFP+ Cage Assembly: EMI Springs \(24\)](#)

Features

Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	zSFP+

Configuration Features

Lightpipe Style	Standard
Number of Ports	6
Port Matrix Configuration	1 x 6

Electrical Characteristics

Data Rate (Max)	32 Gb/s
-----------------	---------

Termination Features

Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to PCB	Through Hole - Press-Fit



Housing Features

Cage Material	Nickel Silver Alloy
---------------	---------------------

Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
-----------------------------	------------------

Usage Conditions

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

Operation/Application

Pluggable I/O Applications	zSFP+ Thermally Enhanced
Heat Sink Compatible	Yes
Circuit Application	Signal

Packaging Features

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

Other

Included Lightpipe	Yes
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



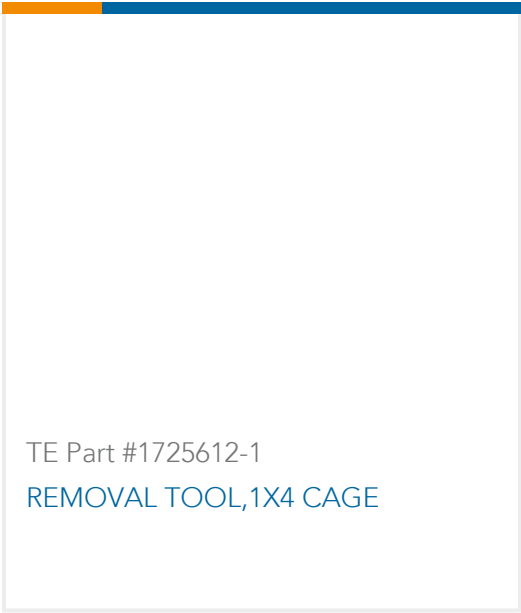
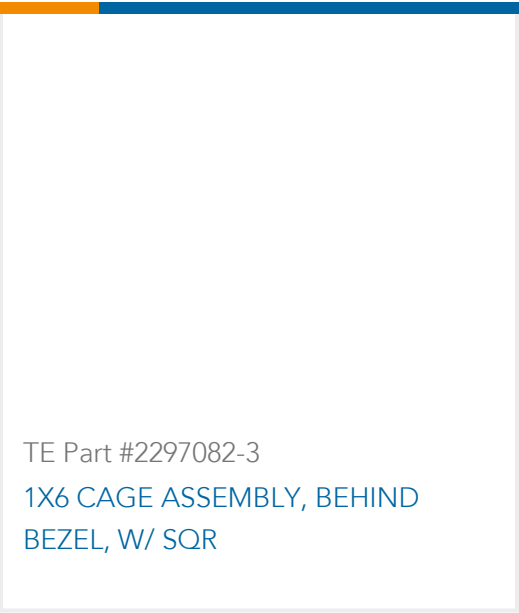
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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

 <p>TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>	 <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>
 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>
 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N490111 SFP28 to SFP28 Cable Assembly: 28 AWG</p>	 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>	 <p>TE Part # 2215096-2 ASSY, SEATING TOOL ZSFP+ 1X6</p>

Customers Also Bought

 <p>TE Part #1981568-1 MICRO USB, TYPE B,</p>	 <p>TE Part #2007193-1 SFP+ 1x1 Cage Assembly, PCI, S</p>	 <p>TE Part #2293156-5 ZSFP+ 1X6 CAGE ASSY, PRESS-FIT, HS</p>	 <p>TE Part #2316664-1 SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p>
--	--	--	--



Documents

Product Drawings

ZSFP+ 1X6 CAGE ASSY, W/HS, MIXED LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2296004-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2296004-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2296004-2\_B.3d\_stp.zip

English

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