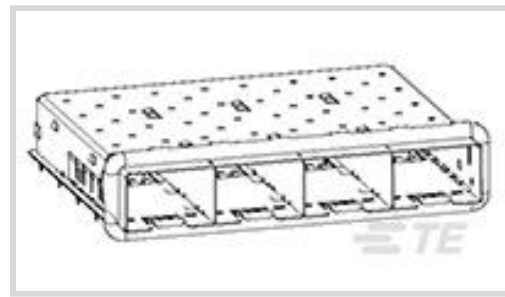




TE Internal #: 2198722-1  
 SFP/SFP+/zSFP+, Cage Assembly, Data Rate (Max) 28 Gb/s,  
 Elastomeric Gasket, EMI Enhanced, Port Matrix Configuration 1 x 4,  
 None

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP/SFP+/zSFP+ > zSFP+ Cage Assembly: Elastomeric Gasket



Pluggable I/O Product Type: **Cage Assembly**  
 Data Rate (Max): **28 Gb/s**  
 EMI Containment Feature Type: **Elastomeric Gasket**  
 Pluggable I/O Applications: **EMI Enhanced**  
 Included Lightpipe: **No**

[All zSFP+ Cage Assembly: Elastomeric Gasket \(8\)](#)

## Features

### Product Type Features

Form Factor	zSFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Integrated Lightpipes	No
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Port Matrix Configuration	1 x 4
Lightpipe Configuration	None
Number of Ports	4

### Electrical Characteristics

Data Rate (Max)	28 Gb/s
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### Termination Features

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

### Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
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Connector Mounting Type

Board Mount

### Housing Features

Cage Material

Nickel Silver Alloy

### Dimensions

Tail Length

2.05 mm[.081 in]

PCB Thickness (Recommended)

3 mm[.118 in]

### Usage Conditions

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

### Operation/Application

Heat Sink Compatible

No

For Use With Pluggable I/O Products

zSFP+ SMT Connector

Pluggable I/O Applications

EMI Enhanced

Circuit Application

Signal

### Packaging Features

Packaging Method

Tray

### Other

EMI Containment Feature Type

Elastomeric Gasket

Included Lightpipe

No

### 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: JUN 2020 (209)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free













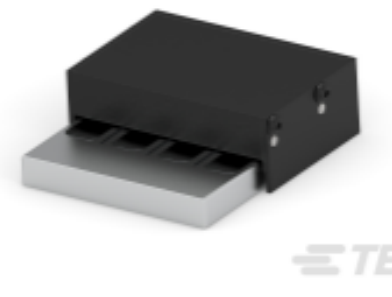



Solder Process Capability

Not applicable for solder process capability

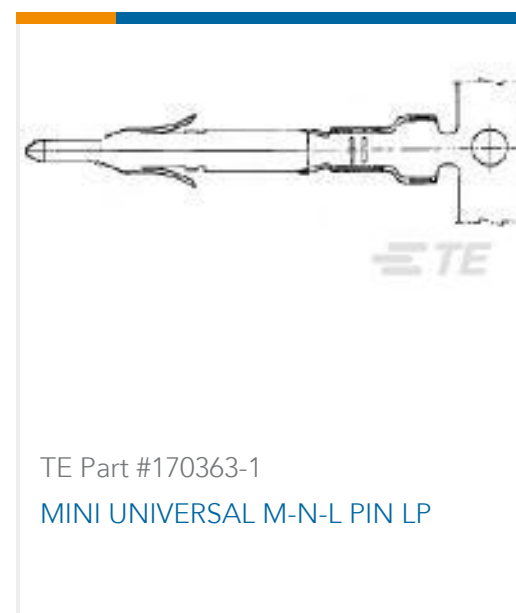
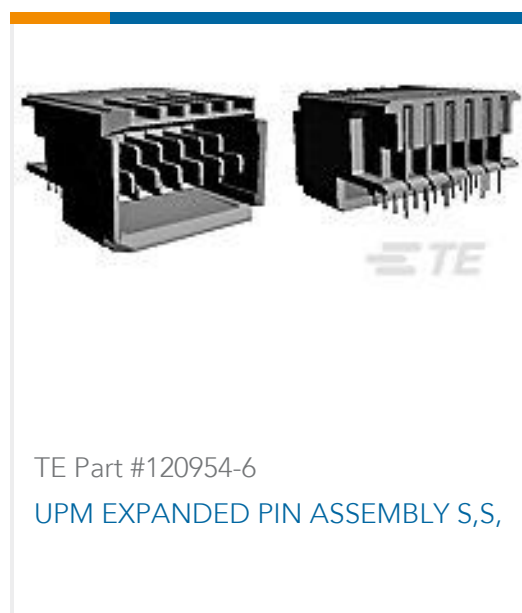
Product Compliance Disclaimer

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

 <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 # CAT-C11-N4901142 SFP28 to SFP28 Cable Assembly: 32 AWG</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 # CAT-C11-G28037 SFP56 to SFP56 Cable Assembly: 30 AWG</p>
 <p>TE Part # CAT-C11-G28 SFP56 to SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 2821262-1 SFP28 DIRECT ATTACH CA, 0.5M, 33AWG</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 # 2215061-4 ASSY, SEATING TL, ZSFP+ 1 X 4</p>	 <p>TE Part # 2821262-2 SFP28 DIRECT ATTACH CA, 1.0M, 33AWG</p>	 <p>TE Part # 2821262-3 SFP28 DIRECT ATTACH CA, 1.5M, 33AWG</p>	 <p>TE Part # 2821262-4 SFP28 DIRECT ATTACH CA, 2.0M, 33AWG</p>

## Customers Also Bought



## Documents

### Product Drawings

[CAGEASSY,PRESSFIT,1X4,zSFP+](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2198722-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2198722-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2198722-1\\_B.3d\\_stp.zip](#)

English

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



### Datasheets & Catalog Pages

[zSFP+ Interconnect Brochure](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English