



Connectors > Pluggable IO Connectors & Cages



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

Sealable: **No**

Circuit Application: **Signal**

Number of Ports: **1**

Port Matrix Configuration: **1 x 1**

Features

Product Type Features

|                            |        |
|----------------------------|--------|
| Cage Type                  | Single |
| Pluggable I/O Product Type | Cage   |
| Sealable                   | No     |
| Form Factor                | QSFP+  |

Configuration Features

|                                     |       |
|-------------------------------------|-------|
| Number of Rear EONs per Port Column | 5     |
| Number of Ports                     | 1     |
| Port Matrix Configuration           | 1 x 1 |

Contact Features

|                                               |     |
|-----------------------------------------------|-----|
| PCB Contact Termination Area Plating Material | Tin |
|-----------------------------------------------|-----|

Termination Features

|                                |                          |
|--------------------------------|--------------------------|
| Termination Method to PCB      | Through Hole - Press-Fit |
| Termination Post & Tail Length | 2.2 mm[.086 in]          |

Housing Features

|               |               |
|---------------|---------------|
| Cage Material | Nickel Silver |
|---------------|---------------|

Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.45 mm[.057 in] |
|-----------------------------|------------------|

Operation/Application



|                            |              |
|----------------------------|--------------|
| Pluggable I/O Applications | EMI Enhanced |
| Heat Sink Compatible       | No           |
| Circuit Application        | Signal       |

Industry Standards

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

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Box & Tray |
|------------------|------------|

Other

|                              |                               |
|------------------------------|-------------------------------|
| Included Lightpipe           | No                            |
| 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 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                               |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                     |

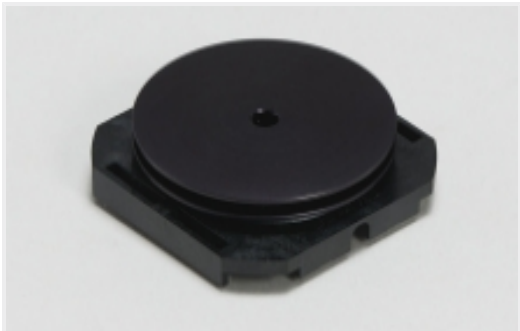
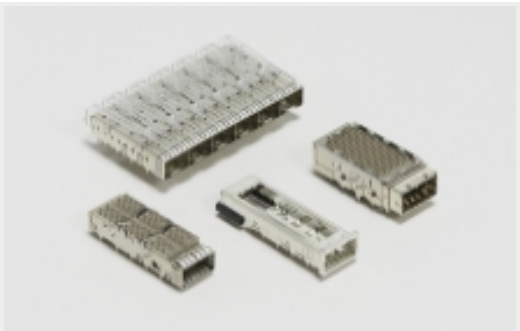
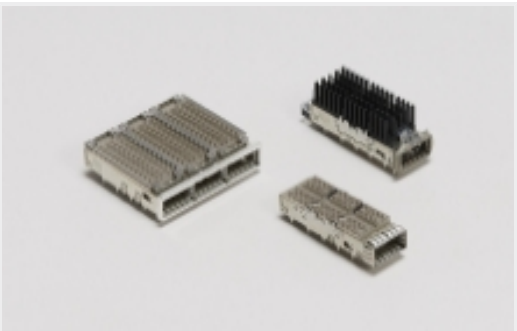
Product Compliance Disclaimer

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 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>

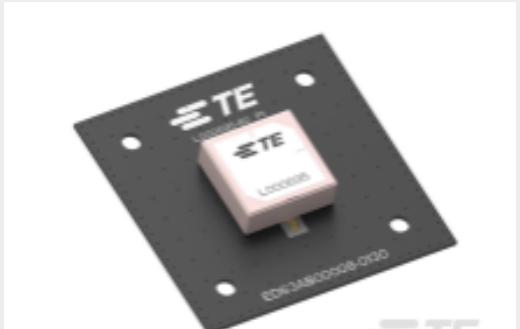
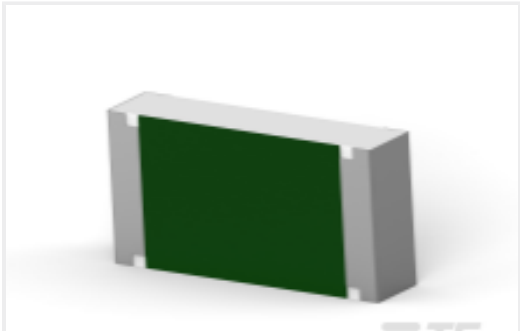
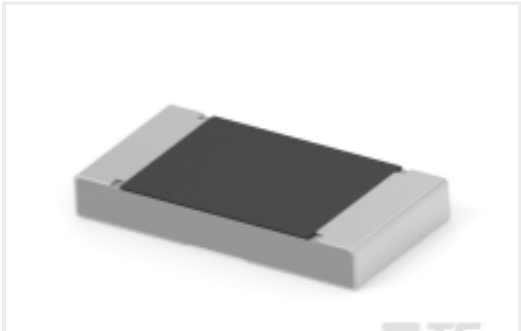


Also in the Series

QSFP/QSFP+

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| Heat Sinks(1)                                                                     | Light Pipes(6)                                                                     | Pluggable IO Connectors & Cages(142)                                                | QSFP, QSFP+ & zQSPF+(142)                                                           |

Customers Also Bought

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |   |   |
| TE Part #ADP-SMAF-SMAF-B-G<br>SMA Jack to SMA Jack Bulkhead                         | TE Part #ADP-SMAF-SMPM-SSB<br>SMA Jack to SMP Plug Bulkhead                          | TE Part #L000695-80<br>Ceramic Patch with EVB, 1561-1602MHz                           | TE Part #1375820-3<br>CST-100 II HOUSING 3 POS                                        |
|  |  |  |  |
| TE Part #1445336-1<br>LOOSE PC CONTACT TIN PLATED                                   | TE Part #3-1879073-1<br>THS10 75R 5%                                                 | TE Part #1888810-2<br>EMI/Dust Cover,XFP And QSFP                                     | TE Part #2170703-5<br>CAGE ASSEMBLY, QSFP28 1X1, SPRING                               |
|  |  |                                                                                       |                                                                                       |
| TE Part #5-2176397-6<br>3502 200R 1%                                                | TE Part #2-2176527-6<br>3503G 2B 1K0 1% 5K RL                                        |                                                                                       |                                                                                       |

Documents

Product Drawings

Cage Assy, QSFP, Through Bezel,w/o HS LP

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_2170256-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170256-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170256-1\\_B.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