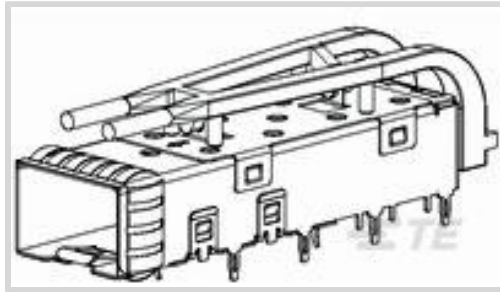




Connectors > Pluggable IO Connectors & Cages

Pluggable I/O Product Type: **Cage**Sealable: **No**

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

Data Rate (Max): **16 Gb/s**Number of Ports: **1**

Features

Product Type Features

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

Configuration Features

| | |
|---------------------------|----------------|
| Lightpipe Style | Reduced Length |
| Number of Ports | 1 |
| Port Matrix Configuration | 1 x 1 |

Electrical Characteristics

| | |
|-----------------|---------|
| Data Rate (Max) | 16 Gb/s |
|-----------------|---------|

Termination Features

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

Housing Features

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

Dimensions

| | |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.5 mm[.059 in] |
|-----------------------------|-----------------|

Usage Conditions

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



Operation/Application

| | |
|----------------------------|------|
| Pluggable I/O Applications | SFP+ |
| Heat Sink Compatible | No |

Industry Standards

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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



TE Part # 2142970-6
CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M



TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG



TE Part # CAT-C11-H506
SFP+ to SFP+ I/O Cable Assembly: 26 AWG



TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG



TE Part # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30 AWG



TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M



TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG



TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG



TE Part # 2142970-7
CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M



TE Part # 2142970-3
CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M



TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # CAT-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG



TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG



TE Part # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG



TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG



TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG



TE Part # 2142970-2
CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M



TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG

Customers Also Bought



TE Part #1-534206-0
20 MODII VRT DR CE 100/115



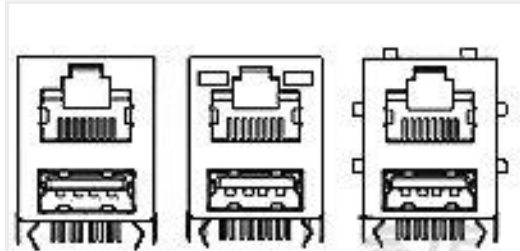
TE Part #1551572-5
Shield Finger, Loose Piece



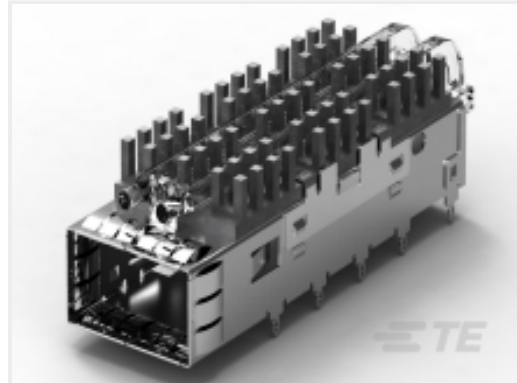
TE Part #1551920-2
zQSFP+ connector assembly



TE Part #6-1622826-4
CRG0402 ZEROHM



TE Part #1-1909119-4
VAO, MODULAR JACK,
RJ45+USBx1F, W/ LED



TE Part #2-2170705-2
CAGE ASSY, QSFP28 1X1, SPRING,
HS, LP



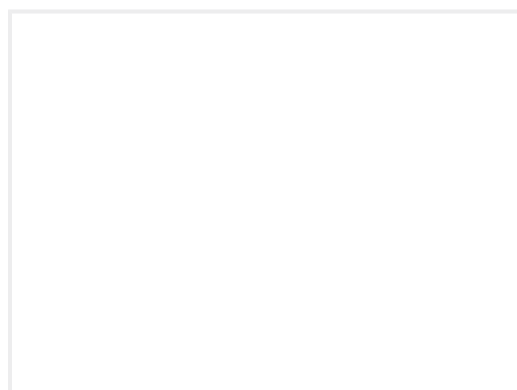
TE Part #2294415-1
INDUSTRIAL MINI I/O HDR TYPE I
TRAY



TE Part #4-2337939-3
PCIE GEN4 CON,SMT,98POS,15u",
MYLAR,HT



TE Part #2340331-1
RECE CONN ASSY,56 POS, SLIVER
HVM 0.062



TE Part #SEA000643001-0004
MCBH3M ROHS,1.64FT 20AWG SST
SHELL

Documents

Product Drawings

[SFP+ 1x1 Cage Assembly, Light Pipe](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2110929-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2110929-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2110929-1_B.3d_stp.zip](#)

English

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Product Specifications



Product Specification

English