



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

|                           |       |
|---------------------------|-------|
| Number of Ports           | 1     |
| Port Matrix Configuration | 1 x 1 |

Electrical Characteristics

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

Termination Features

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

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+ Enhanced |
| Heat Sink Compatible       | No            |

Packaging Features

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

Other

|                              |                    |
|------------------------------|--------------------|
| Included Lightpipe           | No                 |
| EMI Containment Feature Type | Elastomeric Gasket |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |
| Solder Process Capability                     | Not lead free process capable                                                                                                 |

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 # 2110759-1  
PT CONN ASSY 20 POS 16G SFP



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



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



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



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



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



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



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



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



TE Part # CAT-C11-H5  
SFP+ to SFP+ I/O Cable Assembly: 24 AWG



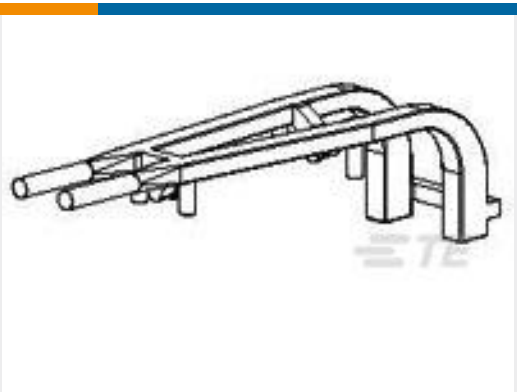
TE Part # CAT-C11-H506  
SFP+ to SFP+ I/O Cable Assembly: 26 AWG



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



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



TE Part # 2057500-1  
Light Pipe, Ganged SFP+



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



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



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



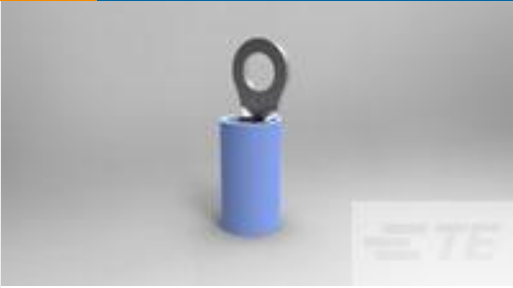
TE Part # 2142970-4  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M

Customers Also Bought

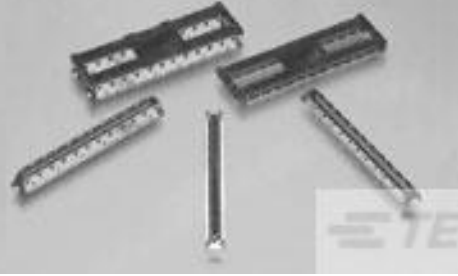




TE Part # 640903-1  
PIDG FASTON Receptacle Quick Disconnects



TE Part # 36158  
TERMINAL,PIDG R 16-14 6



TE Part # 3-1827253-6  
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



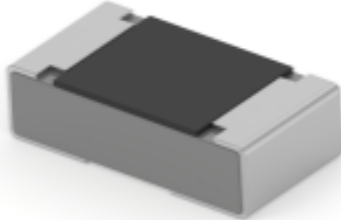
TE Part # 1-1879216-3  
CPF 0402 66K5 0.1% 25PPM 1K RL



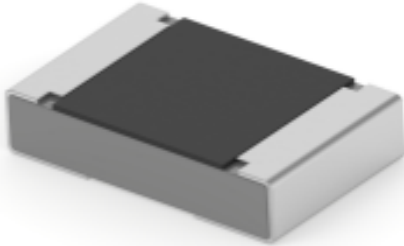
TE Part # 2-1879215-3  
CPF 0402 6K81 0.1% 25PPM 1K RL



TE Part # 6609075-6  
6DAF1=F7978 S0



TE Part # 4-2176479-6  
RA73F 1J 150R 0.1% 5K RL



TE Part # 1-2176482-1  
RA73F 2A 64R9 0.1% 5K RL

Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2057086-2\\_B.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2057086-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2057086-2\\_B.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[4-1773455-3 - Quick Reference Guide SFP+ Solutions](#)

English

Product Specifications

[Application Specification](#)

English