# 1-2007492-6 ✔ ACTIVE

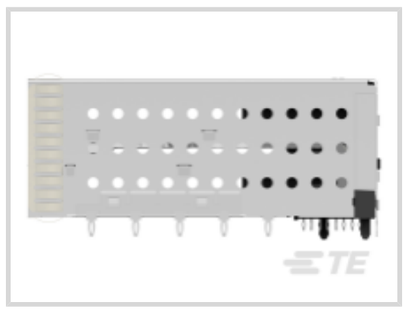
SFP28

TE Internal #: 1-2007492-6

SFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > SFP+ Stacked Cage Assemblies




Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [ .032 in ]**

Sealable: **No**

Circuit Application: **Signal**

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

All SFP+ Stacked Cage Assemblies (72)

## Features

### Product Type Features

| | |
|---|---|
| Cage Type | Stacked |
| Pluggable I/O Product Type | Cage Assembly with Integrated Connector |
| Sealable | No |
| Form Factor | SFP+ |

### Configuration Features

| | |
|---|---|
| Number of Positions | 40 |
| Number of Ports | 2 |
| Port Matrix Configuration | 2 x 1 |

### Electrical Characteristics

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

### Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Gold or Gold Flash over Palladium Nickel |

| | |
|---|---|
| Tail Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .76 µm |

### Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Press-Fit |
| Termination Post & Tail Length | 3 mm[.118 in] |

### Housing Features

| | |
|---|---|
| Cage Material | Nickel Silver |
| Centerline (Pitch) | .8 mm[.032 in] |

### 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 | EMI Enhanced |
| Heat Sink Compatible | No |
| Circuit Application | Signal |

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Method | Package |

### 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250) |

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



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



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



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



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



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



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



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



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



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



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



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



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

## Customers Also Bought



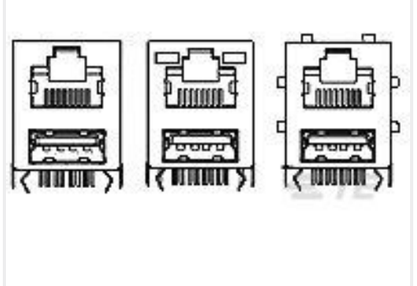
TE Part #T2040162201-000
HE-016-F



TE Part #T4145035081-002
M12 RA PCB CONN. Female 8 P SHIELD



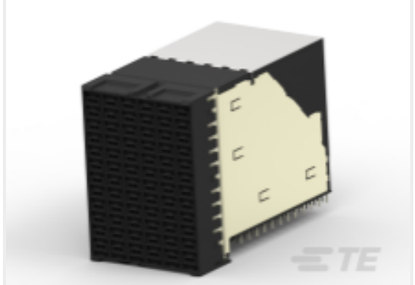
TE Part #3-350942-0
02P UMNL HDR ASSY R/A 94VO LF



TE Part #1775855-1
Modular Jack RJ45 stacked over USB



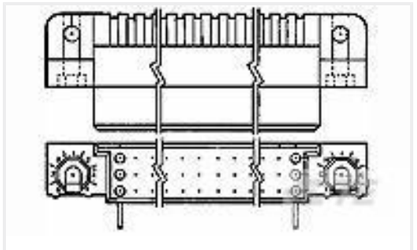
TE Part #1-1879215-0
CPF 0402 4K99 0.1% 25PPM 1K RL



TE Part #2187462-1
SW PIR RECT, 100OHM, 12X6



TE Part #2227670-1
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X2



TE Part #5533268-5
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR



TE Part #5767096-8
MICT,REC,038,ASY,.025,TAPE,CAP

TE Part #2361706-5
CAGE ASSY, QSFP-DD 1X1 CUST HS ABSORBER

## Documents

## Product Drawings

SFP+assy2x1 EMI Sprg Inner LP Sn Enhance

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2007492-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2007492-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2007492-6_E.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

## Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

## Agency Approvals

UL Report

English