



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 | Standard |
| 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 PCB | 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 |

Industry Standards

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

Packaging Features

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

Other

| | |
|------------------------------|-------------------------------|
| Included Lightpipe | No |
| EMI Containment Feature Type | Internal/External EMI Springs |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)















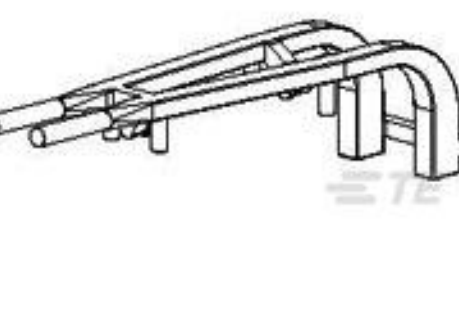





| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



| | | | |
|--|--|---|--|
|  <p>TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 30 AWG</p> |  <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 # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</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 # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p> |  <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p> |  <p>TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG</p> |  <p>TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG</p> |
|  <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p> |  <p>TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 AWG</p> |  <p>TE Part # 2057500-1 Light Pipe, Ganged SFP+</p> |  <p>TE Part # 2142970-1 CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M</p> |
|  <p>TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M</p> |  <p>TE Part # 2142970-3 CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M</p> |  <p>TE Part # 2142970-4 CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M</p> |  <p>TE Part # 2142970-5 CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M</p> |

Customers Also Bought



TE Part #1761394-1
DUST COVER, SFP, GANGED &
STACKED



TE Part #1-2176263-4
RN 0402 33K2 0.1% 10PPM 5K RL



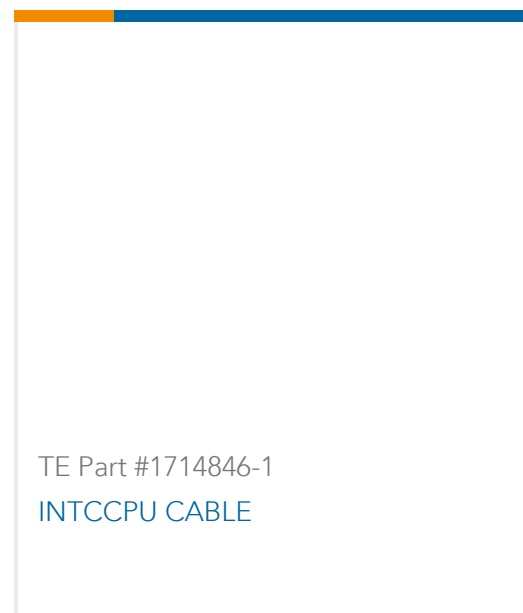
TE Part #104069-3
80 SYSTEM 50 HDR DRRA SHRD



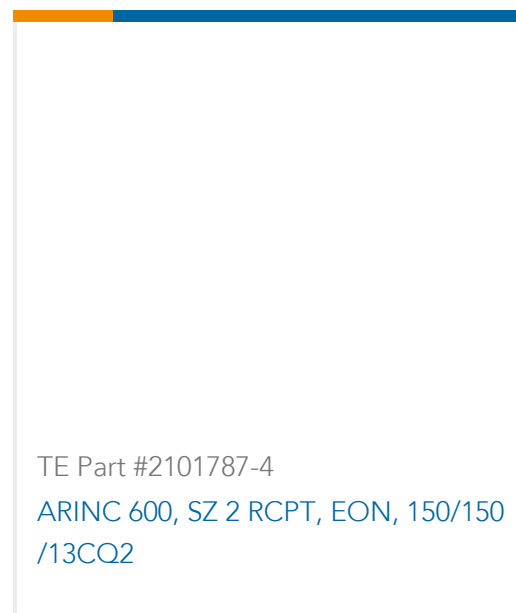
TE Part #4-5353512-5
ON TAPING (EMBOSS) 0.5MM FS
CONN. REC. A



TE Part #3-5100141-0
2MM H.M. TYPE "B" PIN ASSY.



TE Part #1714846-1
INTCCPU CABLE



TE Part #2101787-4
ARINC 600, SZ 2 RCPT, EON, 150/150
/13CQ2

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2170193-1_1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2170193-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170193-1_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English