

2291316-1 ✓ ACTIVE

Sliver for SFF-TA-1002

TE Internal #: 2291316-1

Internal I/O Connectors, TE Sliver, Cable Plug Assembly, Vertical, Cable-to-Board, 74 Position, Surface Mount, Sliver for SFF-TA-1002

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Connectors > PCB Connectors > Internal I/O Connectors



Internal I/O Connector Type: **TE Sliver**

Connector Mates With: **Cable Plug Assembly**

PCB Mount Orientation: **Vertical**

Connector System: **Cable-to-Board**

Number of Positions: **74**

### Features

#### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Internal I/O Connector Type       | TE Sliver             |
| Connector Mates With              | Cable Plug Assembly   |
| Connector System                  | Cable-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

#### Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Rows        | 2        |
| PCB Mount Orientation | Vertical |
| Number of Positions   | 74       |

#### Contact Features

|   |              |
|---|--------------|
| Contact Mating Area Plating Material          | Gold         |
| Contact Underplating Material                 | Nickel       |
| PCB Contact Termination Area Plating Material | Tin          |
| Contact Base Material                         | Copper Alloy |
| Contact Current Rating (Max)                  | .9 A         |



|  |                           |
|--|---------------------------|
| Contact Mating Area Plating Material Thickness | .762 $\mu$ m[30 $\mu$ in] |
|--|---------------------------|

### Termination Features

|   |               |
|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | .6 mm[.023 in] |
|--------------------|----------------|

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

## 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 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<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                     | Reflow solder capable to 260°C   |

#### 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 # 2821385-1  
SLIVER C/A, 74P, R/A TO R/A, 10GHZ, 85OHM



TE Part # 2317823-1  
CABLE PLUG KIT, SLIVER 74P



TE Part # 2821385-2  
SLIVER C/A, 74P, R/A TO R/A, 10GHZ, 85OHM



TE Part # 2820396-1  
SLIVER C/A, 74P, STR TO STR, 10GHZ, 85OHM



TE Part # 2820396-2  
SLIVER C/A, 74P, STR TO STR, 10GHZ, 85OHM



TE Part # 2821376-1  
SLIVER C/A, 74P, STR TO STR, 25GHZ, 85OHM



TE Part # 2821376-2  
SLIVER C/A, 74P, STR TO STR, 25GHZ, 85OHM



TE Part # 2821639-1  
SLIVER C/A, 74P, STR TO R/A, 10GHZ, 85OHM



TE Part # 2821639-2  
SLIVER C/A, 74P, STR TO R/A, 10GHZ, 85OHM



TE Part # 2821745-1  
SLIVER C/A, 74P, R/A TO R/A, 25GHZ, 85OHM



TE Part # 2821745-2  
SLIVER C/A, 74P, R/A TO R/A, 25GHZ, 85OHM



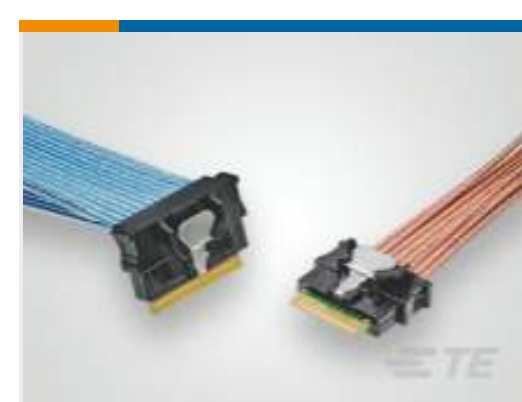
TE Part # 2821746-1  
SLIVER C/A, 74P, STR TO R/A, 25GHZ, 85OHM



TE Part # 2821746-2  
SLIVER C/A, 74P, STR TO R/A, 25GHZ, 85OHM



TE Part # 2821753-1  
SLIVER C/A, 74P, STR TO STR, 10GHZ, 100OHM



TE Part # 2821753-2  
SLIVER C/A, 74P, STR TO STR, 10GHZ, 100OHM



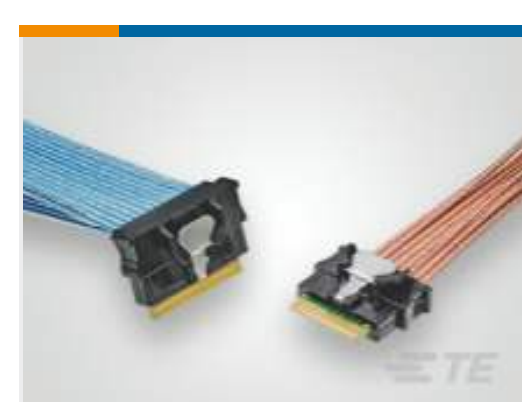
TE Part # 2821754-1  
SLIVER C/A, 74P, R/A TO R/A, 10GHZ, 100OHM



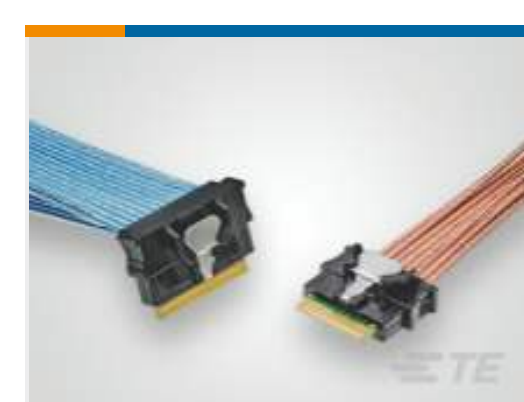
TE Part # 2821754-2  
SLIVER C/A, 74P, R/A TO R/A, 10GHZ, 100OHM



TE Part # 2821755-1  
SLIVER C/A, 74P, STR TO R/A, 10GHZ, 100OHM

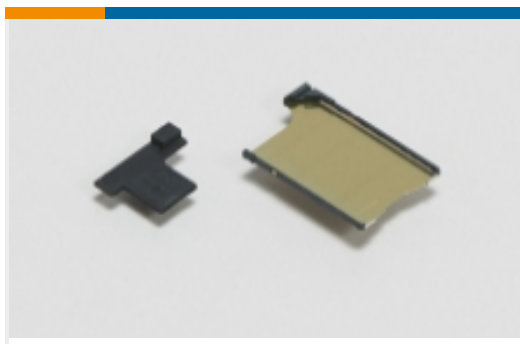


TE Part # 2821755-2  
SLIVER C/A, 74P, STR TO R/A, 10GHZ, 100OHM

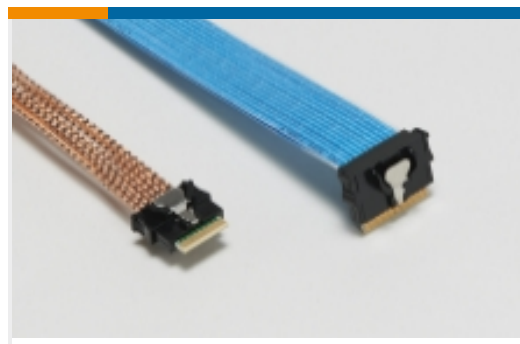


TE Part # 2821756-1  
SLIVER C/A, 74P, STR TO STR, 25GHZ, 100OHM

## Also in the Series | Sliver for SFF-TA-1002



Card Guide Hardware(1)



Internal I/O Cable Assemblies(109)



Internal I/O Connectors(135)

## Customers Also Bought



TE Part #7-1879133-3  
RN 0603 4K99 0.1% 10PPM 1K RL



TE Part #1551920-2  
zQSFP+ connector assembly



TE Part #1625856-4  
RH73 2A 20M 10% 100PPM 1K RL



TE Part #6-1879133-4  
RN 0603 4K02 0.1% 10PPM 1K RL



TE Part #4-2176371-7  
RQ 0603 14K 0.1% 10PPM 5K RL



TE Part #8-2176369-4  
RQ 0603 294R 0.1% 10PPM 5K RL



TE Part #5-1879207-4  
RN 0603 357K 0.1% 10PPM 5K RL



TE Part #6-1879207-3  
RN 0603 442K 0.1% 10PPM 5K RL



TE Part #796055-2  
68 CHAMP R/A ASSY,LC

## Documents

### Product Drawings

[RCPT CONN VERTICAL 74 POSN SLIVER](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2291316-1\\_C.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2291316-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2291316-1\\_C.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

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**Agency Approvals**

[UL Report](#)

English