



Sliver for SFF-TA-1002

TE Internal #: 2292055-1

Internal I/O Connectors, TE Sliver, Cable Plug Assembly, Right Angle, Cable-to-Board, 50 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: **Right Angle**

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

Number of Positions: **50**

**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	Right Angle
Number of Positions	50

**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 $\mu\text{m}$ [30 $\mu\text{in}$ ]
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### Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	.6 mm[.023 in]
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### Usage Conditions

Operating Temperature Range	-55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$ ]
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### Operation/Application

Circuit Application	Signal
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$

#### 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 # 2821750-1  
SLIVER C/A, 50P, STR TO STR 25GHZ, 100OHM



TE Part # 2821750-2  
SLIVER C/A, 50P, STR TO STR,25GHZ, 100OHM



TE Part # 2317815-1  
CABLE PLUG KIT, SLIVER 50P,



TE Part # 2821747-2  
SLIVER C/A, 50P, STR TO STR,10GHZ, 100OHM



TE Part # 2821747-1  
SLIVER C/A, 50P, STR TO STR,10GHZ, 100OHM



TE Part # 2820397-1  
SLIVER C/A, 50P, STR TO STR, 10GHZ, 85OHM



TE Part # 2820397-2  
SLIVER C/A, 50P, STR TO STR, 10GHZ, 85OHM



TE Part # 2820399-1  
SLIVER C/A, 50P, R/A TO R/A, 10GHZ, 85OHM



TE Part # 2820399-2  
SLIVER C/A, 50P, R/A TO R/A, 10GHZ, 85OHM



TE Part # 2821638-1  
SLIVER C/A, 50P, STR TO R/A, 10GHZ, 85OHM



TE Part # 2821638-2  
SLIVER C/A, 50P, STR TO R/A, 10GHZ, 85OHM



TE Part # 2821742-1  
SLIVER C/A, 50P, STR TO STR, 25G, 85OHM



TE Part # 2821742-2  
SLIVER C/A, 50P, STR TO STR, 25G, 85OHM



TE Part # 2821743-1  
SLIVER C/A, 50P, R/A TO R/A, 25GHZ, 85OHM



TE Part # 2821743-2  
SLIVER C/A, 50P, R/A TO R/A, 25GHZ, 85OHM



TE Part # 2821748-1  
SLIVER C/A, 50P, R/A TO R/A,10GHZ, 100OHM



TE Part # 2821748-2  
SLIVER C/A, 50P, R/A TO R/A,10GHZ, 100OHM



TE Part # 2821749-1  
SLIVER C/A, 50P, STR TO R/A,10GHZ, 100OHM

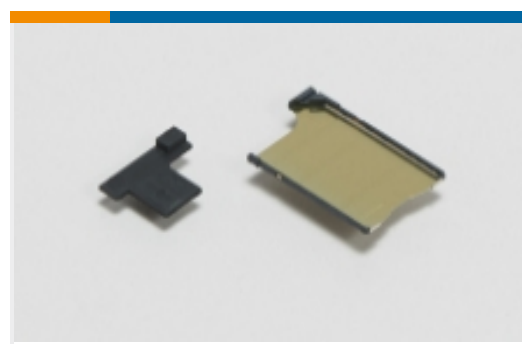


TE Part # 2821749-2  
SLIVER C/A, 50P, STR TO R/A,10GHZ, 100OHM

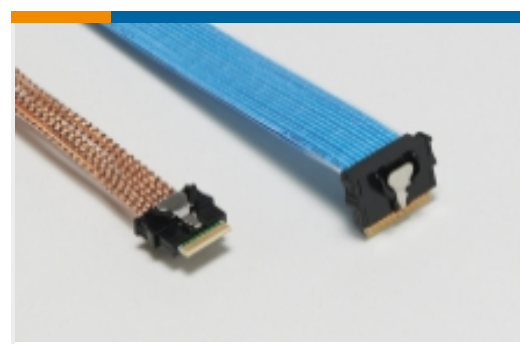


TE Part # 2821751-1  
SLIVER C/A, 50P, R/A TO R/A,25GHZ, 100OHM

Also in the Series | [Sliver for SFF-TA-1002](#)



Card Guide Hardware(1)



Internal I/O Cable Assemblies(109)

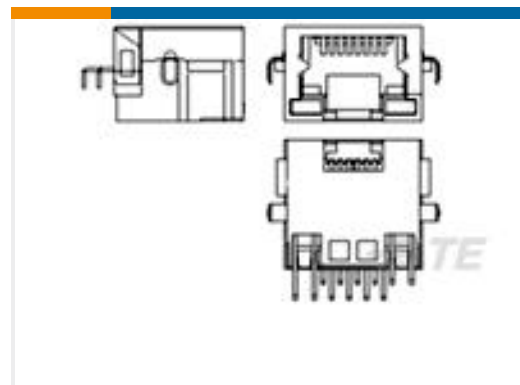


Internal I/O Connectors(135)

## Customers Also Bought



TE Part #2042274-1  
ELCON MINI 2P VERT HEADER, W/  
CODING



TE Part #2041126-1  
MODULAR JACK, RJ45, SMT TYPE, AU:  
6u"



TE Part #2301995-1  
RJ45 JACK INT. MAG. 1GB 1X1 VERT.



TE Part #927837-5  
SPT REC 6.3 Contact SRC Ag



TE Part #2204535-1  
ELCON MINI 2X3P STACKED RA  
HEADER, SOLDER



TE Part #2170359-1  
INV MJ, 1X4, PNL GRD



TE Part #6-1734324-7  
RJ45 w/ Y/GO LED PAL GND T&R 30u"



TE Part #1776130-8  
8P TERMI-BLOK HDR, HIGH TEMP

## Documents

### Product Drawings

[RECEPTACLE ASSY RA 50 POSN MBC](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2292055-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2292055-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2292055-1\\_C.3d\\_stp.zip](#)

English

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





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### Datasheets & Catalog Pages

[Sliver Internal Cabled Interconnect Solutions Brochure \(Chinese\)](#)

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

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### Agency Approvals

[UL Report](#)

English