

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, 2 Row, 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
Shell	With
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

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

### Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	.9 A
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Contact Mating Area Plating Material Thickness	.762 $\mu$ m[30 $\mu$ 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 °C[-67 – 185 °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>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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#### 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 # 2821385-2  
SLIVER C/A, 74P, R/A TO R/A, 10GHZ, 85OHM



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



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

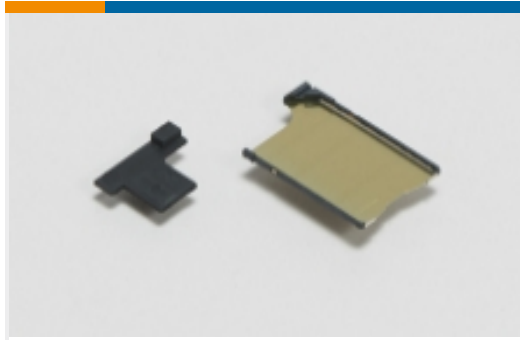


TE Part # 2821755-2  
SLIVER C/A, 74P, STR TO R/A, 10GHZ, 100OHM

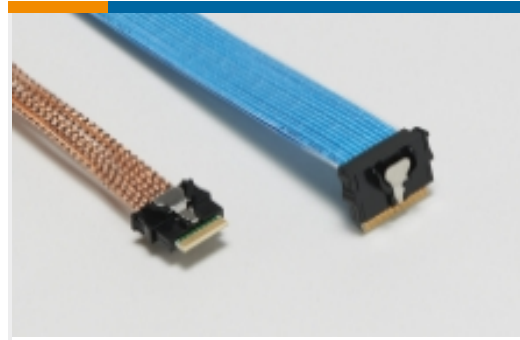


TE Part # 2821756-1  
SLIVER C/A, 74P, STR TO STR, 25GHZ, 100OHM

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



Card Guide Hardware(1)



Internal I/O Cable Assemblies(109)

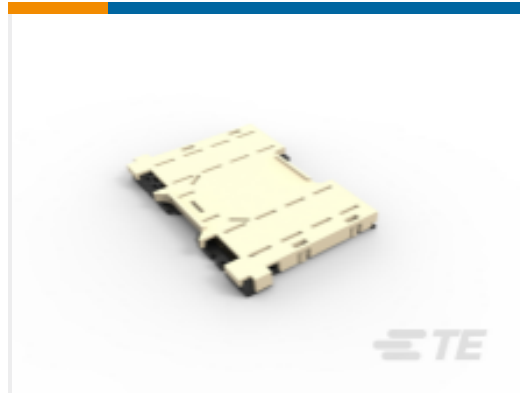


Internal I/O Connectors(135)

## Customers Also Bought



TE Part #1827341-4  
DDR SODIMM SOCKET 200P 8H STD TYPE



TE Part #2-2129710-5  
LGA 3647 SOCKETS



TE Part #160300  
PLASTI-GRIP 12-10 RING M10



TE Part #1551920-2  
zQSFP+ connector assembly



TE Part #1658623-9  
40 NOVO MIL 30DP, LEAD FREE



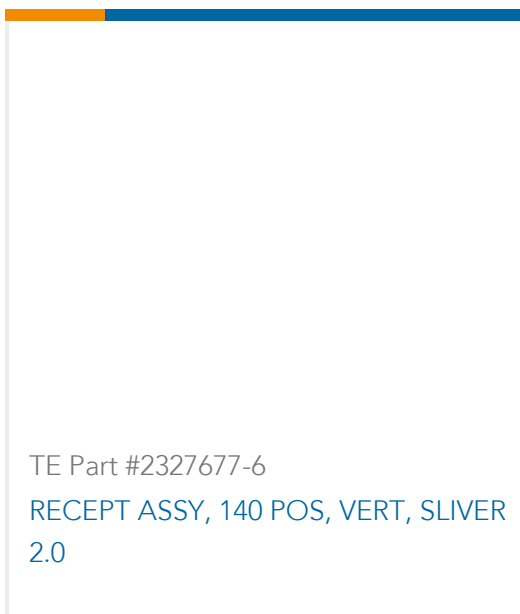
TE Part #9-2176401-1  
3540 47R 5%



TE Part #1625892-1  
3W SM M/OX 5% R10



TE Part #2324787-1  
RCPT CONN W RAILS VERT 74 POSN SLIVER



TE Part #2327677-6  
RECEPT ASSY, 140 POS, VERT, SLIVER 2.0



## Documents

### Product Drawings

[RCPT CONN VERTICAL 74 POSN SLIVER](#)

English

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### 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

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

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### Datasheets & Catalog Pages

[Internal Cabled Interconnects Solutions Guide](#)

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

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