



**Sliver for SFF-TA-1002**

TE Internal #: 2332139-8

Internal I/O Connectors, Sliver for SFF-TA-1002, Cable Plug Assembly, Vertical, Cable-to-Board, Gen-Z, 140 Position, Sliver for SFF-TA-1002

[View on TE.com >](#)

Connectors > PCB Connectors > Internal I/O Connectors



Internal I/O Connector Type: **Sliver for SFF-TA-1002**

Connector Mates With: **Cable Plug Assembly**

PCB Mount Orientation: **Vertical**

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

Industry Standard: **Gen-Z**

**Features**

**Product Type Features**

Internal I/O Connector Type	Sliver for SFF-TA-1002
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	140

**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)	1.1 A



Contact Mating Area Plating Material Thickness	.381 $\mu\text{m}$ [15 $\mu\text{in}$ ]
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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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### Industry Standards

Industry Standard	Gen-Z
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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	Not reviewed for solder process capability
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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 Regulations, TE's information on SVHC in



articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 2327677-1  
RECEPT ASSY, 140 POS, VERT, SLIVER 2.0

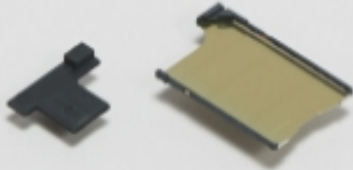


TE Part # 2328461-1  
280 POS., CONNECTOR ASSEMBLY, SLIVER 2.0

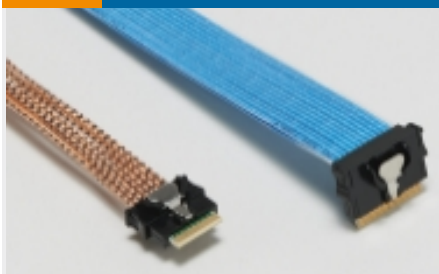


TE Part # 2333799-1  
RCPT ASSY, VERT, 168 POS, SLIVER 2.0

## 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 #1-6450161-5  
MBXL R/A RCPT 12S+4P



TE Part #1-6600383-9  
MBXL VERT HDR 1P+24S+1P STR



TE Part #1888566-2  
IMJ,1X1,PNL GRD,LED(Y/G), SN



TE Part #2007882-3  
IMP100S,H,V6P10C,UG,DEW46,5,5




TE Part #2185223-1  
ASSY, SEATING TOOL, QSFP



TE Part #2302407-1  
QSFP+ ASSY, 2X1, GSKT, 2LP-OUTR, W/ CS GA



TE Part #2335232-1  
ASSY, SMT BATTERY CONN



TE Part #4-2170740-1  
QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2332139-8\\_4.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2332139-8\\_4.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2332139-8\\_4.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English