



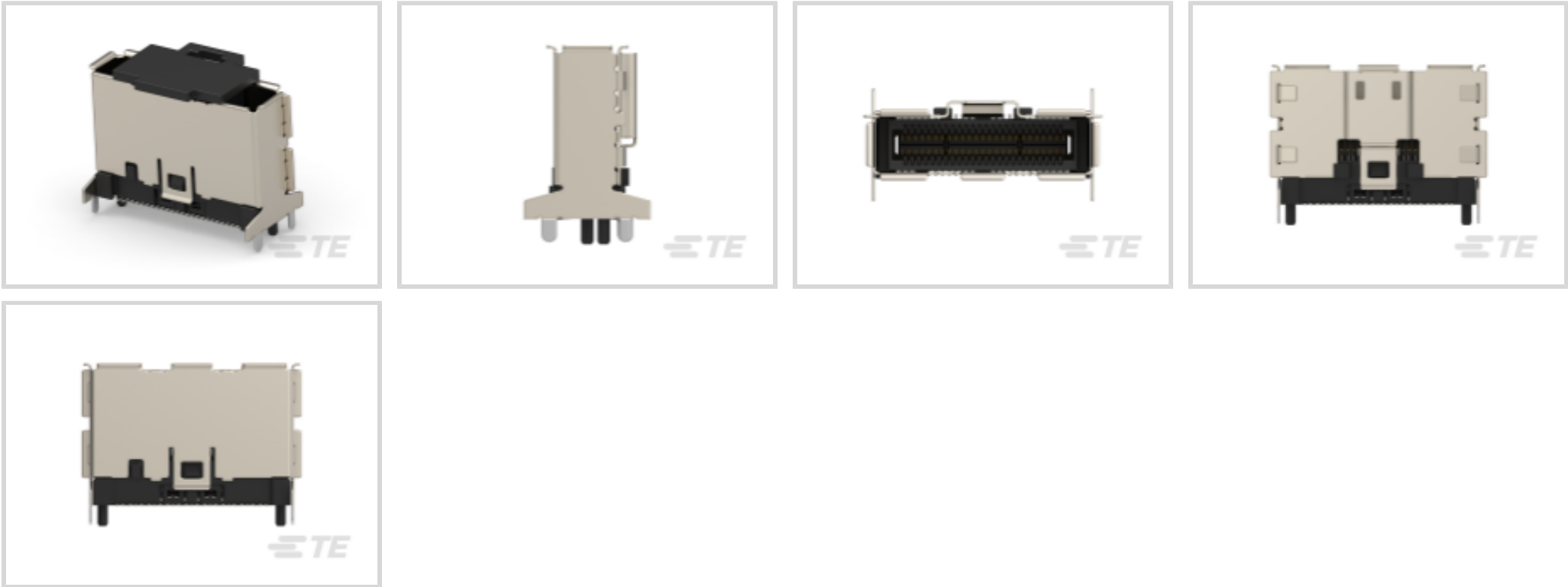
Sliver for SFF-TA-1002

TE Internal #: 2292096-1

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

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	50
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
Contact Current Rating (Max)	.9 A
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]

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
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 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



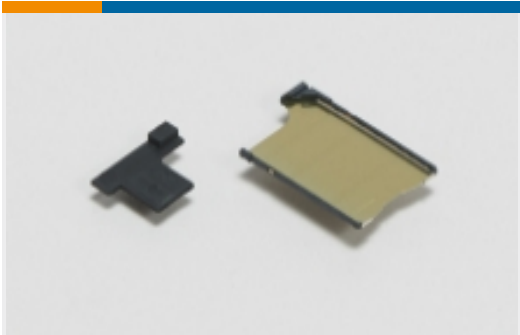
TE Part # 2821749-2
SLIVER C/A, 50P, STR TO R/A,10GHZ, 100OHM



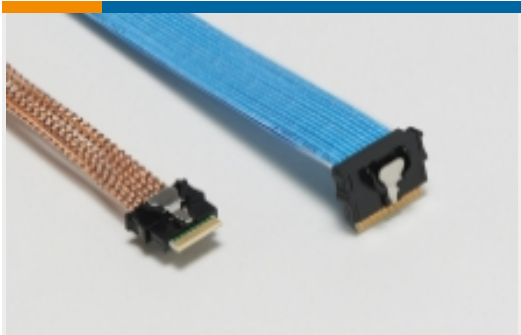
TE Part # 2821751-1
SLIVER C/A, 50P, R/A TO R/A,25GHZ, 100OHM

Also in the Series

Sliver for SFF-TA-1002



Card Guide Hardware(1)



Internal I/O Cable Assemblies(109)



Internal I/O Connectors(135)

Documents

Product Drawings

RCPT ASSY SMT VERT 50 POSN MBC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2292096-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2292096-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2292096-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Internal Cabled Interconnects Solutions Guide

English

Sliver Internal Cabled Interconnect Solutions Brochure (Chinese)

Product Specifications

Application Specification



English

[Agency Approvals](#)

[UL Report](#)

English