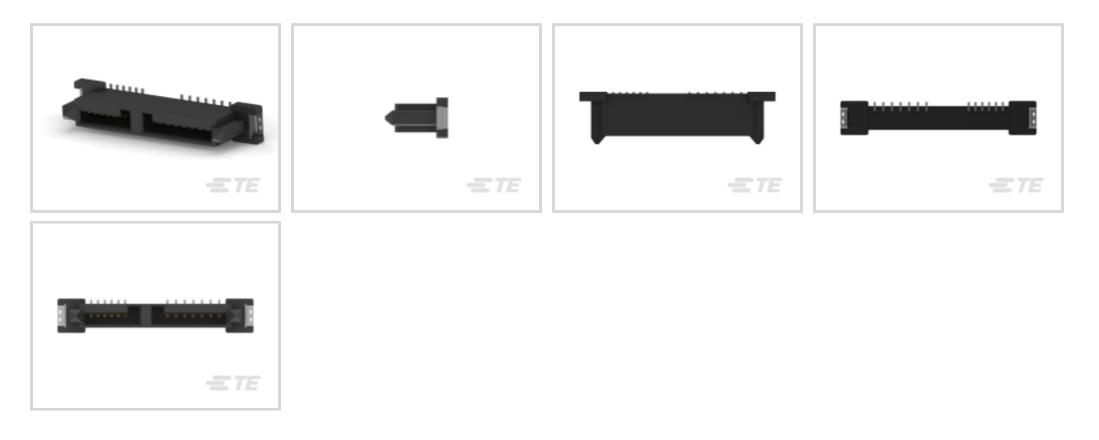
1735539-2 - ACTIVE

TE Internal #: 1735539-2 SATA, Receptacle, Cable-to-Board, 13 Position, 6P + 7P, Slimline Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top View on TE.com >



Connectors > Audio & Video Connectors > SATA & Micro SATA



SATA Connector Type: SATA

Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Number of Positions: **13** 

Contact Configuration: **6P + 7P** 

# Features

### **Product Type Features**

SATA Connector Type	SATA
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	13
PCB Mount Orientation	Vertical
Number of Rows	1
Number of Ports	2
Body Features	
Connector Profile	Slimline
Contact Features	
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin

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SATA, Receptacle, Cable-to-Board, 13 Position, 6P + 7P, Slimline Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top



Contact Base Material	Copper Alloy
Contact Configuration	6P + 7P
Contact Current Rating (Max)	1.5 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
PCB Mount Retention Feature Length	3.2 mm[.126 in]
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg
PCB Mount Location	Тор
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	High Temperature Thermoplastic
Housing Color	Black
Centerline (Pitch)	1 mm, 1.27 mm[.039 in][.05 in]

### Dimensions

at call 1 000 522 /752	06/22/2024 07./
EU RoHS Directive 2011/65/EU	Compliant
For compliance documentation, visit the product page on TE.com>	
Product Compliance	
Packaging Method	Tape & Reel
Packaging Quantity	500
Packaging Features	
UL Flammability Rating	UL 94V-0
Industry Standards	
Circuit Application	Power & Signal
Operation/Application	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Usage Conditions	
Profile Height from PCB	6.5 mm[.255 in]
PCB Thickness (Recommended)	1.2 mm[.048 in]

**L** For support call +1 800 522 6752

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SATA, Receptacle, Cable-to-Board, 13 Position, 6P + 7P, Slimline Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top



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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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**



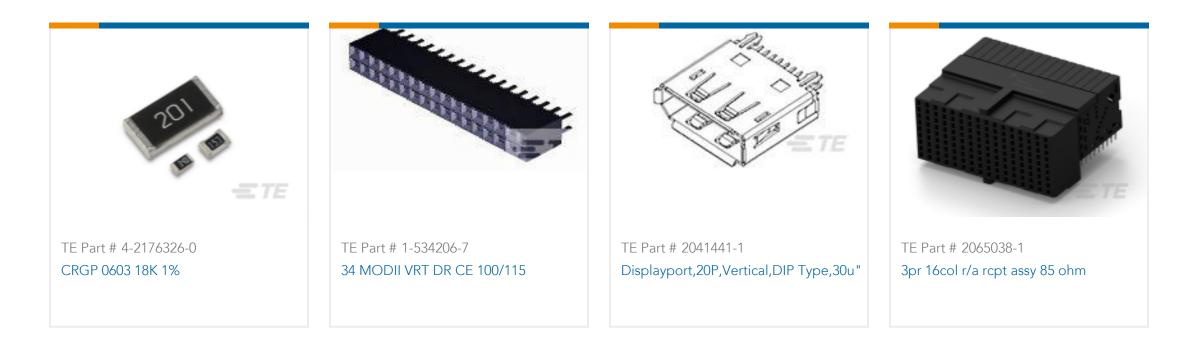
# **Customers Also Bought**



# 1735539-2

SATA, Receptacle, Cable-to-Board, 13 Position, 6P + 7P, Slimline Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top





# Documents

## Product Drawings

Slimline SATA Receptacle, Vertical, SMT

English

## **CAD** Files

Customer View Model ENG\_CVM\_CVM\_1735539-2\_B.2d\_dxf.zip

English

### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1735539-2\_B.3d\_igs.zip

English

Customer View Model

### ENG\_CVM\_CVM\_1735539-2\_B.3d\_stp.zip

### English

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

Product Specifications

Product Specification

English

**Product Specification** 

English

Agency Approvals

UL Report

English