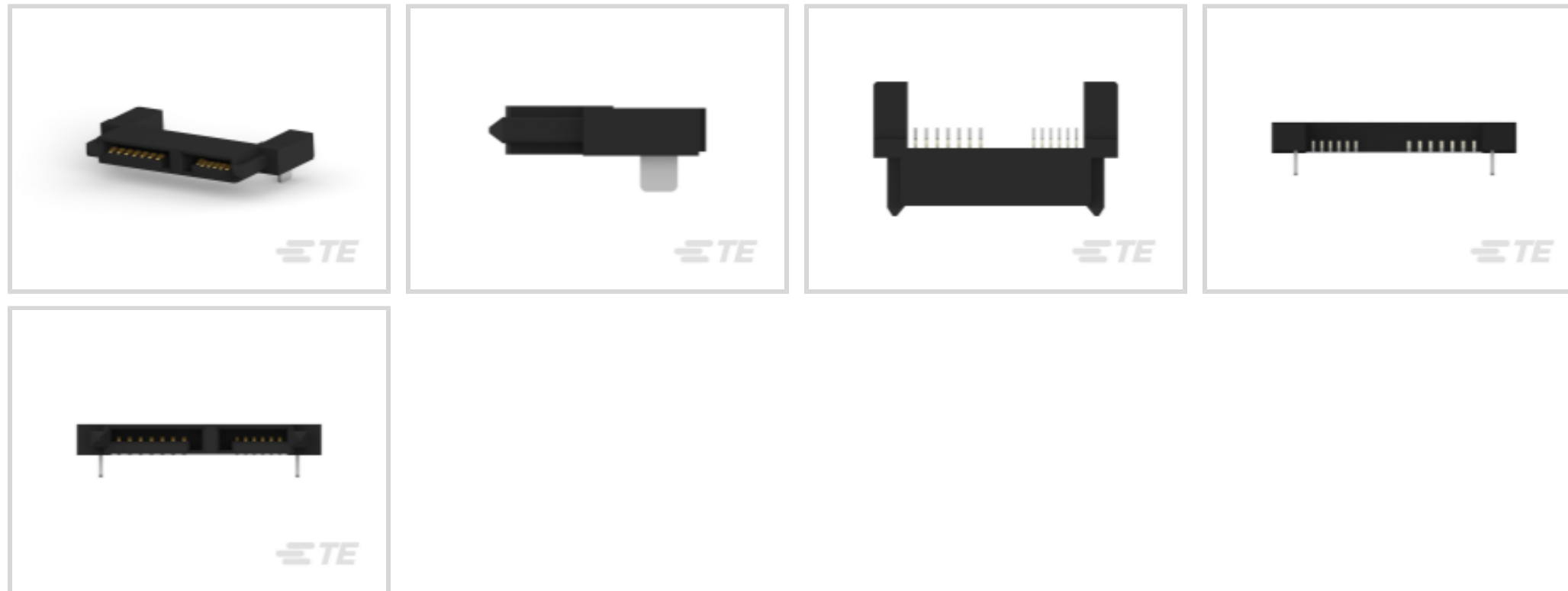




Connectors > Audio & Video Connectors > SATA & Micro SATA



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	Right Angle
Number of Rows	1
Number of Ports	2

### Body Features

Connector Profile	Slimline
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### Contact Features

Contact Mating Area Plating Material Thickness	.05 µm[2 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin



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
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#### Mechanical Attachment

PCB Mount Retention Feature Length	2.9 mm[.114 in]
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg
PCB Mount Location	Top
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

PCB Thickness (Recommended)	1.2 mm[.048 in]
Profile Height from PCB	3.6 mm[.142 in]

#### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Quantity	400
Packaging Method	Tape & Reel

#### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


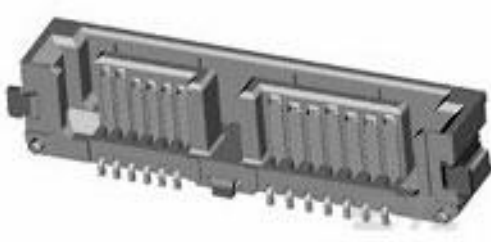
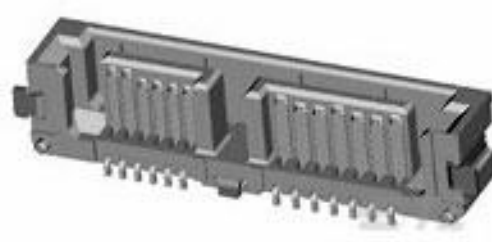
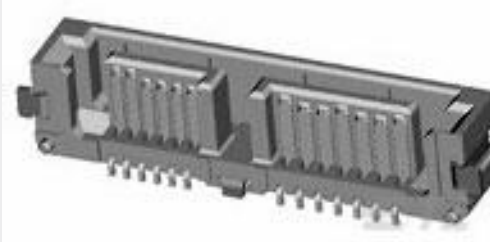
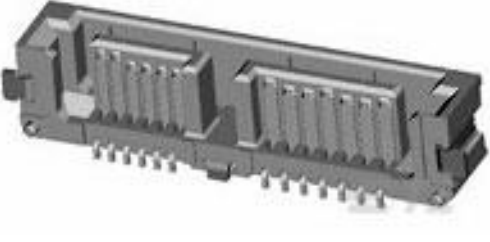


EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) 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>

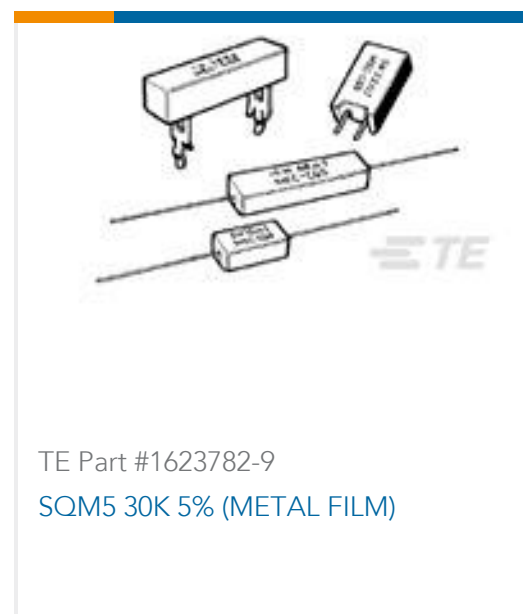
## Compatible Parts

 <p>TE Part # 1735471-3 Assembly Slimline SATA Plug 7P+6P</p>	 <p>TE Part # 1735418-3 Assembly Slimline SATA Plug 7P+6P</p>	 <p>TE Part # 1735574-2 Assembly Slimline SATA Plug Vertical, TH</p>	 <p>TE Part # 1-1735471-3 Assembly Slimline SATA Plug 7P+6P</p>
 <p>TE Part # 1735418-1 Assembly Slimline SATA Plug 7P+6P</p>	 <p>TE Part # 1735574-3 Assembly Slimline SATA Plug Vertical, TH</p>	 <p>TE Part # 1735783-3 Assembly, Slimlite SATA Plug, 15+7P, SMT</p>	

## Customers Also Bought



TE Part #352033-1  
Z-PACK 2MM HM ASSY, TYPE-B 133P



TE Part #1623782-9  
SQM5 30K 5% (METAL FILM)



TE Part #2102353-2  
CeeLok FAS-T, Plug Kit, ZnNi



TE Part #2301997-7  
RJ45 JACK INT.MAG. 1GB LED 2X1



TE Part #1676233-2  
RN 0805 1K47 0.1% 10PPM 1KRL



TE Part #6-2301994-1  
RJ45 JACK INT.MAG. 1GB LED 1X1  
INV (LOW)



TE Part #HDP24-24-14PN  
REC, 14P, BLK, N, 4/12/16, P



TE Part #5052992082  
RNF-100-1/8-0-STK



TE Part #5053132039  
RNF-100-1/4-9-STK



TE Part #5053182032  
RNF-100-3/8-9-STK

## Documents

### Product Drawings

[Assembly Slimline SATA Receptacle 7P+6P](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1735413-1\\_C2.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1735413-1\\_C2.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1735413-1\\_C2.3d\\_stp.zip](#)

English

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

### Product Specifications



### Product Specification

English

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### Agency Approvals

#### UL Report

English