

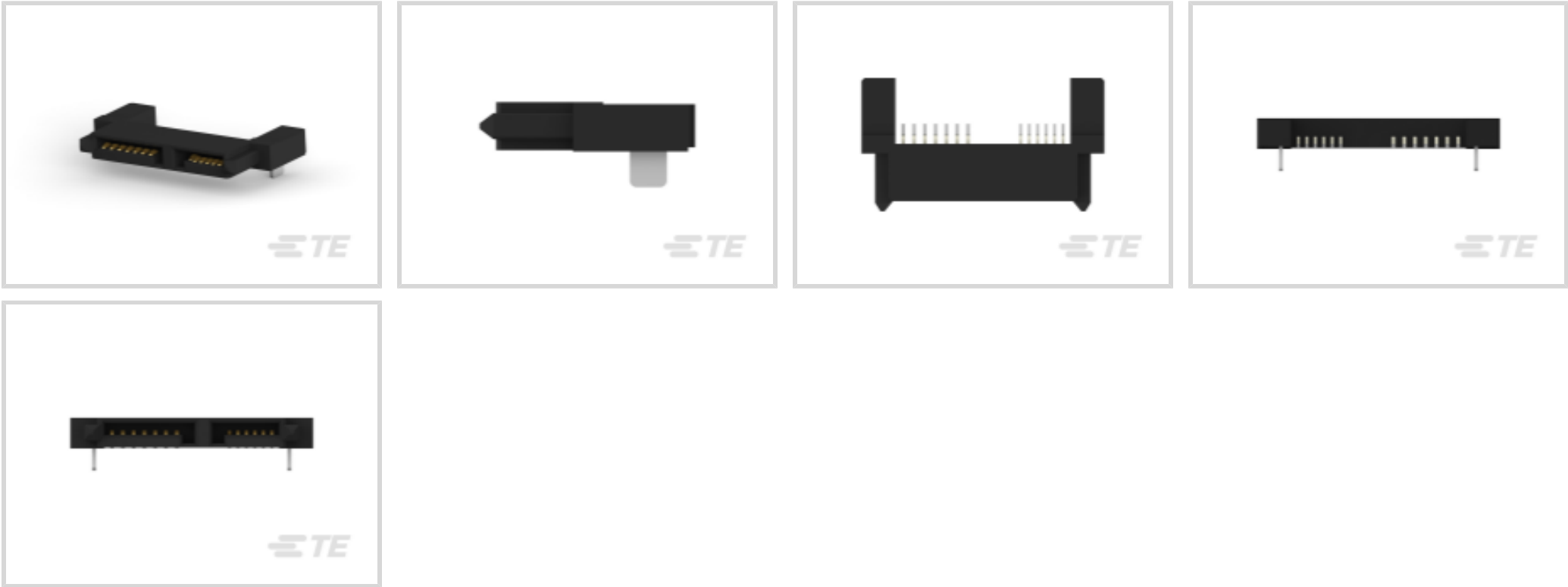


TE Internal #: 1-1735413-1

SATA, Receptacle, Cable-to-Board, 13 Position, 6P + 7P, Slimline Profile, Right Angle, 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	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	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin



Contact Mating Area Plating Material Thickness	.05 µm[2 µin]
Contact Configuration	6P + 7P
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

PCB Mount Retention Feature Length	2.9 mm[.114 in]
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Polarization
PCB Mount Retention	With
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 Method	Tape & Reel
Packaging Quantity	400

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1735471-3
Assembly Slimline SATA Plug 7P+6P

TE Part # 1735783-3
Assembly, Slimlite SATA Plug, 15+7P, SMT

TE Part # 1-1735471-3
Assembly Slimline SATA Plug 7P+6P

TE Part # 1735418-3
Assembly Slimline SATA Plug 7P+6P

TE Part # 1735418-1
Assembly Slimline SATA Plug 7P+6P

Customers Also Bought



TE Part #2-1445100-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-1445100-5
MICRO MNL HDR ASSY S/ROW LF



TE Part #11029320-00
44036RC, THERM, ROHS



TE Part #31090
BODY R 22-16 COMM 22-18 MIL 5



TE Part #843477-1
TOOL, EXTRACTION RESET



TE Part #91518-1
CCII AMPMODU SHORT POINT REC 32-22 ASSY




TE Part #3-2176371-5
RQ 0603 10K5 0.1% 10PPM 5K RL



TE Part #2-1445055-5
MICRO MNL HDR ASSY S/ROW LF



TE Part #3-2176371-3
RQ 0603 10K 0.1% 10PPM 5K RL



TE Part #GA10K3A1IA
DISCRETE 10K OHMS, +/-0.1C FROM 0C TO 70C

Documents

Product Drawings
Asembly 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

Agency Approvals

UL Report

English