



Connectors > Audio & Video Connectors > SATA & Micro SATA

SATA Connector Type: **SATA**Connector & Housing Type: **Receptacle**Number of Positions: **22**Contact Configuration: **7P + 15P**Connector Profile: **Standard**

Features

Product Type Features

SATA Connector Type	SATA
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	22
PCB Mount Orientation	Right Angle
Number of Rows	1
Number of Ports	2

Body Features

Connector Profile	Standard
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Contact Features

Contact Mating Area Plating Material Thickness	.13 μ m[5 μ in]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Configuration	7P + 15P

Termination Features

Termination Post & Tail Length	1.4 mm[.055 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment



PCB Mount Retention Feature Length	1.6 mm[.063 in]
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Retention Type	Hold-Down Post
PCB Mount Location	Bottom

Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black

Dimensions

PCB Thickness (Recommended)	1.2 mm[.048 in]
Profile Height from PCB	4.3 mm[.169 in]

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	Not Yet Reviewed
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: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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.

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2129475-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2129475-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2129475-1_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English