



TE Internal #: 2439034-3

A, Standard USB, 3.1 Gen 2, Receptacle, 9 Position, Top Mount, 1 Port, Vertical, Tape & Reel, Flush, Through Hole - Solder, Cable-to-Board

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Connectors > Audio & Video Connectors > USB Connectors



USB Type: A

USB Version: 3.1 Gen 2

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: 1

Features

Product Type Features

USB Type	A
USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Ports	1
Number of Positions	9

Body Features

Connector Profile	Standard
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Contact Features

Contact Current Rating (Max)	1.8 A
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Termination Features

	.112 in
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Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

PCB Mount Location

Top Mount

PCB Connector Seating

Flush

PCB Mount Retention Type

Boardlock

Connector Mounting Type

Board Mount

Housing Features

Housing Color

Black

Housing Material

Thermoplastic - PA9T

Body Orientation

Vertical

.078 in

Dimensions

PCB Thickness (Recommended)

1 – 1.6 mm

Usage Conditions

Soldering Temperature (Max)

260 °C[500 °F]

Mating Cycles (Max)

5000

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Tape & Reel

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 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.

Compatible Parts



TE Part # 2-2117156-0
C/A, USB3.0 A TYPE TO A TYPE,

Customers Also Bought



TE Part #ANT-W63-WRT-UFL
Antenna Dome Wifi6/6E 1.32 UFL



TE Part #3-1622796-3
YR1 0.1% 5K49



TE Part #1-1676913-4
YR1 0.1% 1K4



TE Part #1-1676915-0
YR1 0.1% 750R



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2439034-3_1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2439034-3_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2439034-3_1.3d_igs.zip](#)

English

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

Datasheets & Catalog Pages

[Vertical-USB-3.2-Gen-2-Product-Flyer](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English