

TE Internal #: 2439034-2

A, 3.1 Gen 2, Standard Profile, Receptacle, 1 Port, Top, Vertical,

Tape & Reel, Through Hole - Solder, Cable-to-Board, 9 Position,

USB Connectors

View on TE.com >

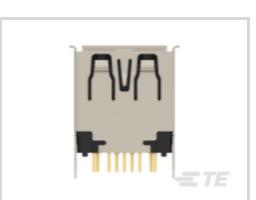


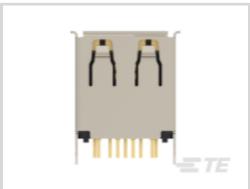
Connectors > Audio & Video Connectors > USB Connectors











USB Adapter Type: A

USB Version: 3.1 Gen 2

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

Dimensions

PCB Thickness (Recommended)	1.0 – 1.6 mm
Contact Features	
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	1.8 A
Termination Features	
	.112 in
Termination Method to PCB	Through Hole - Solder
Housing Features	
Housing Material	Thermoplastic - PA9T
Housing Color	Black
Body Orientation	Vertical
	.078 in

Product Type Features

USB Adapter Type	A	



USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 3.0 Type-A
Body Features	
Connector Profile	Standard
Configuration Features	
Number of Ports	1
Number of Positions	9
Mechanical Attachment	
PCB Mount Location	Тор
PCB Mount Retention Type	Kinked
Connector Mounting Type	Board Mount
Packaging Features	
Packaging Method	Tape & Reel
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
Other	

Product Compliance

For compliance documentation, visit the product page on 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)



Candidate List Declared Against: JUNE
2024 (241)
Does not contain REACH SVHC
Low Halogen - Br, Cl, F, I < 900 ppm per

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.

Compatible Parts



Customers Also Bought























Documents

Product Drawings

Vertical USB 3.2 A (board lock) / Au15uM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2439034-2_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2439034-2_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2439034-2_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

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

