TE Internal #: 2439034-1

USB Connectors, A, 3.1 Gen 2, Standard Profile, Receptacle, 1 Port, Top, Vertical, Tape & Reel, Through Hole - Solder, Cable-to-Board, 5000

View on TE.com >

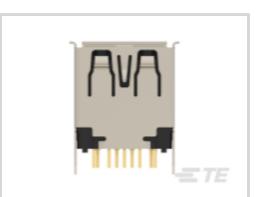


Connectors > Audio & Video Connectors > USB Connectors











USB Adapter Type: A

USB Version: 3.1 Gen 2

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

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
Configuration Features	
Number of Ports	1
Number of Positions	9
Body Features	
Connector Profile	Standard

1.8 A

Contact Current Rating (Max)

Contact Features



Termination Post & Tail Length	1.95 mm, 2.85 mm
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Locking Feature	Without
PCB Mount Alignment Type	Housing Peg
PCB Mount Location	Тор
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	PA 9T
Housing Color	Black
Body Orientation	Vertical
Centerline (Pitch)	2.01 mm[.078 in]
Dimensions	
PCB Thickness (Recommended)	1 - 1.6 mm
Usage Conditions	
Soldering Temperature (Max)	260 °C
Mating Cycles (Max)	5000
Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Tape & Reel

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)



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

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

Product Drawings

Vertical USB 3.2 A (board lock) GF

English

CAD Files

Customer View Model

ENG_CVM_CVM_2439034-1_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2439034-1_1.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_2439034-1_1.2d_dxf.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

USB Connectors, A, 3.1 Gen 2, Standard Profile, Receptacle, 1 Port, Top, Vertical, Tape & Reel, Through Hole - Solder, Cable-to-Board, 5000



English

Product Specification

English