



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
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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
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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
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Configuration Features

Number of Ports	1
Number of Positions	9

Mechanical Attachment

PCB Mount Location	Top
PCB Mount Retention Type	Kinked
Connector Mounting Type	Board Mount

Packaging Features

Packaging Method	Tape & Reel
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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
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Other

EU RoHS Compliance	Compliant
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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

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



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

Customers Also Bought



TE Part #5-794630-2
22P MICRO MNL ASSY,VRT,HDR,LF



TE Part #1622827-1
CRG0603 1% 100K



TE Part #6-1393243-3
RT424012



TE Part #3-794630-6
06P MICRO MNL ASSY VRT HDR LF





TE Part #CONSMA002-L
SMA Jack 50 Ohm PCB Through Hole



TE Part #L9000262-01
SMA Jack 50 Ohm .031 PCB Edge Mount



TE Part #L9000273-01
SMA Plug 50 Ohm .031 PCB Edge Mount



TE Part #L9000274-01
SMA Plug 50 Ohm .031 PCB Edge Mount



TE Part #2-2176350-9
CRGCQ 2512 47K 5%



TE Part #7-2176316-4
MELF SMA_A 100K 1% 50PPM 0207 1W

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

