



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 – 1.6 mm
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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
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Configuration Features

Number of Ports	1
Number of Positions	9

Mechanical Attachment



PCB Mount Location	Top
Panel Mount Feature Type	Solder Mount
Connector Mounting Type	Board Mount

Housing Features

Body Orientation	Vertical
	.078 in

Packaging Features

Packaging Method	Tape & Reel
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Contact Features

Contact Current Rating (Max)	1.8 A
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Termination Features

Termination Method to PCB	Through Hole - Solder
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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
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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 #3-1623933-4

CFR50 5% 4K7

TE Part #350430-1

04P UMNL PIN HDR ASSY NATL

TE Part #5787446-1

HDR ASY,VERT,NO KEY,RET TAIL

TE Part #1-350944-0

04P UMNL HDR ASSY R/A 94VO

TE Part #1-480702-0

04P UMNL PLUG HSG NATL

TE Part #1-1625892-1

3W SM M/OX 5% 10R

TE Part #1-1623776-6

MPC5 500R 5%

TE Part #3-1625892-5

3W SM M/OX 5% 27K



Documents

Product Drawings

VERT USB3.2A(Shield Leg Solder)Au 15uM

English

CAD Files

Customer View Model

ENG_CVM_CVM_2438987-2_1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2438987-2_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2438987-2_1.3d_stp.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