



Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A**

USB Version: **3.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

USB Adapter Type	A
USB Version	3.0
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 Mounting Legs	4
Number of Ports	1
Number of Positions	4

Body Features

Shell Plating Finish	Matte
Shell Plating Material	Tin
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material Thickness	.13 µm[5 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.8 A

Termination Features

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Termination Post & Tail Length	1.5 mm[.059 in]
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Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Offset
PCB Connector Seating	Flush
PCB Mount Retention Type	Boardlock
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	2 mm, 2.5 mm[.078 in][.098 in]

Dimensions

PCB Thickness (Recommended)	1.25 mm[.048 in]
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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

Halogen Free	Yes
Circuit Application	Power & Signal

Industry Standards

Moisture Sensitivity Level	5a
Industry Standard	USB 3.0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2018 (191) 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Also in the Series | [Alcoswitch Gemini A](#)



Toggle Switches(97)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1932847-3_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model



[ENG_CVM_CVM_1932847-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932847-3_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English