



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 |
|-------------------|----------|

Contact Features

| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 1.8 A |
|------------------------------|-------|

Termination Features

| | |
|--|--|
| | |
|--|--|



| | |
|--|---------|
| | .112 in |
|--|---------|

| | |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

| | |
|--------------------|-----|
| PCB Mount Location | Top |
|--------------------|-----|

| | |
|-----------------------|-------|
| PCB Connector Seating | Flush |
|-----------------------|-------|

| | |
|--------------------------|-----------|
| PCB Mount Retention Type | Boardlock |
|--------------------------|-----------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

| | |
|------------------|----------------------|
| Housing Material | Thermoplastic - PA9T |
|------------------|----------------------|

| | |
|------------------|----------|
| Body Orientation | Vertical |
|------------------|----------|

Dimensions

| | |
|-----------------------------|------------|
| PCB Thickness (Recommended) | 1 – 1.6 mm |
|-----------------------------|------------|

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 |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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 2025 (247) 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 #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



Documents

Product Drawings

Vertical USB 3.2 A (board lock) / Au30uM

English

CAD Files

Customer View Model

ENG_CVM_CVM_2439034-3_1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2439034-3_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2439034-3_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