

TE Internal #: 2438987-1

A, Standard USB, 3.1 Gen 2, Receptacle, 9 Position, Top Mount, 1 Port, Vertical, Tape & Reel, Through Hole - Solder, Cable-to-Board

[View on TE.com >](#)



Connectors > Audio & Video Connectors > USB Connectors



USB Type: A

USB Version: 3.1 Gen 2

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

## Features

### Product Type Features

USB Type	A
USB Version	3.1 Gen 2
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### 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

Termination Post & Tail Length	2.85 mm
Termination Method to PCB	Through Hole - Solder



### Mechanical Attachment

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

### Housing Features

Housing Material	Thermoplastic - PA9T
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[500 °F]
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 #1011-053-1205  
SEAL RET, 12P, BLK, DTM, B



TE Part #205204-8  
HDP-20, PLUG, SIZE 1, 9 POSN



TE Part #CAT-P592-F266  
PIDG FASTON Receptacle Quick Disconnects



TE Part #1633861-1  
FLOATING SHEAR



TE Part #1735284-1  
SATA BACKPLANE RECEPTACLE, VERTICAL, SMT



TE Part #2267079-5  
TMD1T3B1M1QE



TE Part #6609048-2  
3EQ3=F7259 S0



TE Part #2119533-4  
STRIPPER, SIDE FEED

### Documents

[Product Drawings](#)



## VERT USB3.2A(Shield leg solder) GF

English

---

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2438987-1\\_1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2438987-1\\_1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2438987-1\\_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

English

#### Product Specification

English