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 >

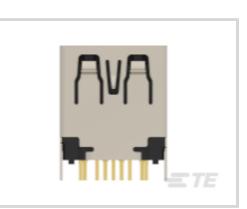


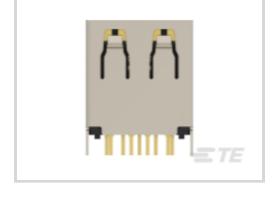
#### Connectors > Audio & Video Connectors > USB Connectors











USB Type: A

USB Version: 3.1 Gen 2

Connector Profile: Standard

Number of Ports: 1

Connector & Housing Type: Receptacle

**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

Through Hole - Solder

Termination Method to PCB



### 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**

# **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	有害物质含量符合标准要求 No Restricted Substance(s) 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



# **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







## **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