



TE Internal #: 292336-1
 USB Connectors, A, 2.0, Standard Profile, Receptacle, 1 Port, Top,
 Perpendicular Right Angle, Tube / Box & Tube, Flush, Through
 Hole - Solder

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Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A**
 USB Version: **2.0**
 Connector Profile: **Standard**
 Connector & Housing Type: **Receptacle**
 Number of Ports: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| USB Adapter Type | A |
| USB Version | 2.0 |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| USB Connector Type | USB 2.0 Type-A |

Configuration Features

| | |
|-------------------------|---|
| Number of Mounting Legs | 4 |
| Number of Ports | 1 |
| Number of Positions | 4 |

Body Features

| | |
|------------------------|----------|
| Shell Plating Finish | Bright |
| Shell Plating Material | Tin |
| Connector Profile | Standard |



Contact Features

| | |
|--|---|
| Contact Mating Area Plating Material Thickness | .76 μm [29.92 μin] |
| Contact Mating Area Plating Material | Gold or Gold Flash over Palladium Nickel |
| Contact Current Rating (Max) | 1 A |

Termination Features

| | |
|---|-----------------------|
| Termination Post & Tail Length | 2.29 mm[.09 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|-------------|
| Locking Feature | With |
| PCB Mount Location | Top |
| PCB Connector Seating | Flush |
| PCB Mount Retention Type | Hold-Down |
| Panel Mount Feature Type | Flange |
| Connector Mounting Type | Board Mount |

Housing Features

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

Dimensions

| | |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
|-----------------------------|------------------|

Usage Conditions

| | |
|-----------------------------|---|
| Soldering Temperature (Max) | 240 $^{\circ}\text{C}$ [464 $^{\circ}\text{F}$] |
| Mating Cycles (Max) | 1500 |
| Operating Temperature Range | -55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$] |

Operation/Application

| | |
|---------------------|----------------|
| Halogen Free | No |
| Circuit Application | Power & Signal |

Industry Standards

| | |
|----------------------------|----------|
| Test Identification (TID) | 60000047 |
| Moisture Sensitivity Level | 1 |
| Industry Standard | USB 2.0 |

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

22

Packaging Method

Box & Tube, Tube

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

Compliant

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: JUNE 2022 (224)
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

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>

Compatible Parts





Documents

Product Drawings

Std USB Type A, Flag, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292336-1_B.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_292336-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292336-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[USB and Mini USB Datasheet 7-1773442-0](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_292336-1_022720191134_dmtec](#)

English

[MD_292336-1_022720191134_dmtec](#)

English