



Connectors > Audio & Video Connectors > USB Connectors



USB Connector Type: **A**

USB Version: **3.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| USB Connector Type | A |
| USB Version | 3.0 |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| Product Type | Connector |
| LED | Without |

Configuration Features

| | |
|-------------------------|---|
| Number of Mounting Legs | 2 |
| Number of Ports | 1 |
| Number of Positions | 9 |

Body Features

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

Contact Features

| | |
|---------------------------------------|---|
| Contact Current Rating (Max) | 1.8 A |
| Contact Mating Area Plating Material | Gold Flash over Palladium Nickel |
| Contact Mating Area Plating Thickness | .76 μm [29.92 μin] |



Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|--------------------------|-------------|
| Locking Feature | Without |
| Locating Posts | Without |
| PCB Mount Location | Top |
| PCB Connector Seating | Flush |
| PCB Mount Retention Type | Kinked Legs |
| Panel Mount Feature Type | Flange |
| Connector Mounting Type | Board Mount |

Housing Features

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

Dimensions

| | |
|-----------------------------|-----------------|
| Tail Length | 2.3 mm[.091 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |

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

| | |
|----------------------------|-----------|
| Test Identification (TID) | 360000279 |
| Moisture Sensitivity Level | 5a |
| Industry Standard | USB 3.0 |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|------------------|------------------|
| Packaging Method | Box & Tray, Tray |
|------------------|------------------|

Packaging Quantity

144

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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>

Compatible Parts



TE Part # 1-2117155-0
C/A, USB3.0 A TYPE TO MICRO B,

Customers Also Bought



Documents

Product Drawings

Std USB 3.0, Type A, R/A, T/H

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1932258-2_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932258-2_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932258-2_A2.3d_stp.zip](#)

English

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Product Specifications



Product Specification

English

Product Specification

English

Product Environmental Compliance

[MD_1932258-2_07242018149_dmtec](#)

English

[MD_1932258-2_07242018149_dmtec](#)

English

Agency Approvals

[UL Report](#)

English