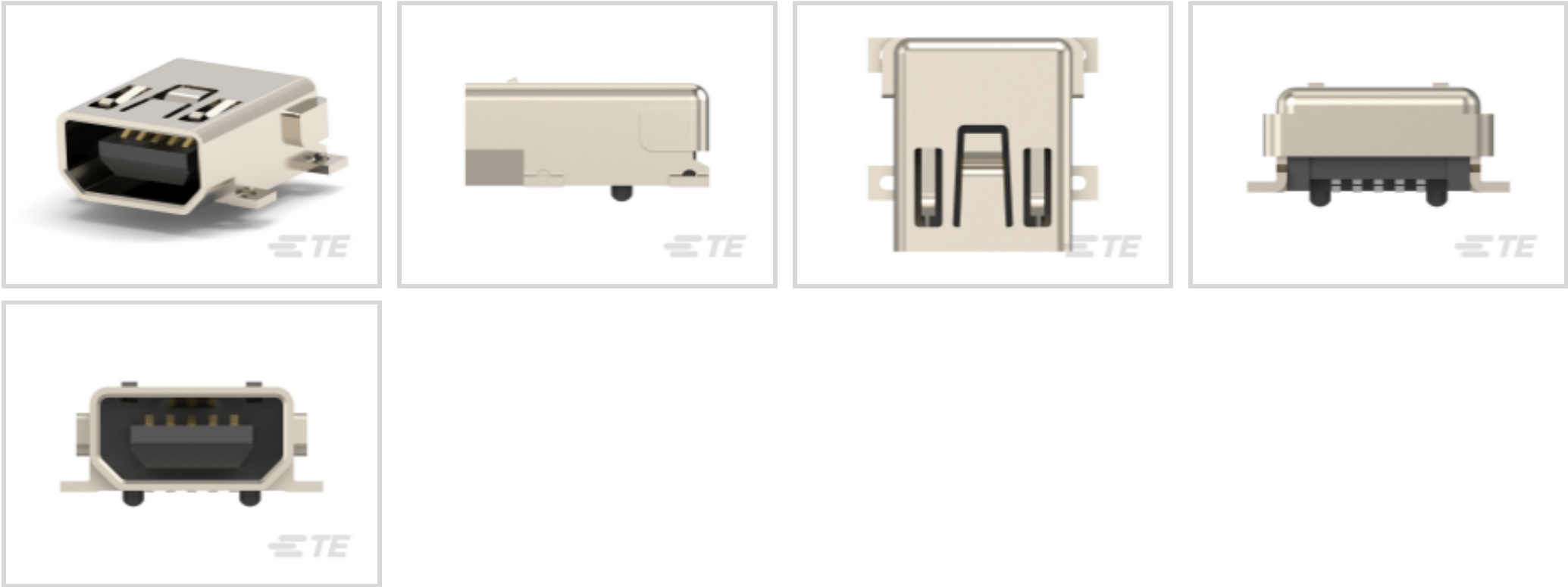




Connectors > Audio & Video Connectors > USB Connectors



USB Type: **AB**

USB Version: **2.0**

Connector Profile: **Mini**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Integral Locking Latch            | Without               |
| USB Type                          | AB                    |
| USB Version                       | 2.0                   |
| 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 | 5 |

Body Features

|                        |        |
|------------------------|--------|
| Shell Plating Material | Nickel |
| Connector Profile      | Mini   |

Contact Features

|                                                |                |
|------------------------------------------------|----------------|
| Contact Mating Area Plating Material           | Gold (Au)      |
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin] |



|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 1 A |
|------------------------------|-----|

Termination Features

|                                |                  |
|--------------------------------|------------------|
| Termination Post & Tail Length | 1.15 mm[.045 in] |
| Termination Method to PCB      | Surface Mount    |

Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| Locking Feature          | Without        |
| PCB Mount Alignment Type | Locating Posts |
| PCB Mount Location       | Top Mount      |
| PCB Connector Seating    | Flush          |
| PCB Mount Retention Type | SMT Hold-Down  |
| Connector Mounting Type  | Board Mount    |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA 9T          |
| Housing Color      | Black          |
| Body Orientation   | Right Angle    |
| Centerline (Pitch) | .8 mm[.031 in] |

Dimensions

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

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Soldering Temperature (Max) | 260 °C[500 °F]            |
| Mating Cycles (Max)         | 5000                      |
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |

Operation/Application

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

Industry Standards

|                            |          |
|----------------------------|----------|
| UL Flammability Rating     | UL 94V-0 |
| Moisture Sensitivity Level | 1        |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 700         |
| 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                   | Out of Scope                                                                                                                    |
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Reflow solder capable to 260°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



TE Part # 1734205-1  
MINI USB, TYPE B, PLUG. CABLE-KIT



TE Part # 1496476-1  
STD USB-A TO MINI-B ASSY, 1M



TE Part # 1929690-1  
USB CABLE, USB A to Mini USB,Blue

Customers Also Bought



|                                                                                                                                                  |                                                                                                                                                               |                                                                                                                                        |                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #2-1437565-7<br/>FSM2JSMA=SMT,TACTILE,PB SWITCH</p> |  <p>TE Part #1622826-4<br/>CRG0402 5% 10K</p>                               |  <p>TE Part #1623100-1<br/>CRG0805 1% 10R</p>       |  <p>TE Part #1-1634009-0<br/>MMCX Str PCB Skt 50Ohm Gold Pl</p> |
|  <p>TE Part #2-1676480-2<br/>CRG0402 1% 1K0</p>                |  <p>TE Part #1-2176337-3<br/>CRGCQ 0402 100R 1%</p>                        |  <p>TE Part #3-2176337-3<br/>CRGCQ 0402 4K7 1%</p> |  <p>TE Part #5-2176337-3<br/>CRGCQ 0402 220K 1%</p>            |
|  <p>TE Part #2-2176555-3<br/>3430 A2 1% 100K 100ppm 1k RL</p> |  <p>TE Part #6450849-7<br/>MBXLE R/A HED<br/>2ACP+1LP+32S+3HDP+1LP+1P</p> |                                                                                                                                        |                                                                                                                                                    |

Documents

Product Drawings  
Mini USB AB R/A,Rcpt,SMT,T&R, 0.6mm  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-1734328-2\_D.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-1734328-2\_D.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1734328-2\_D.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Product Specification

English