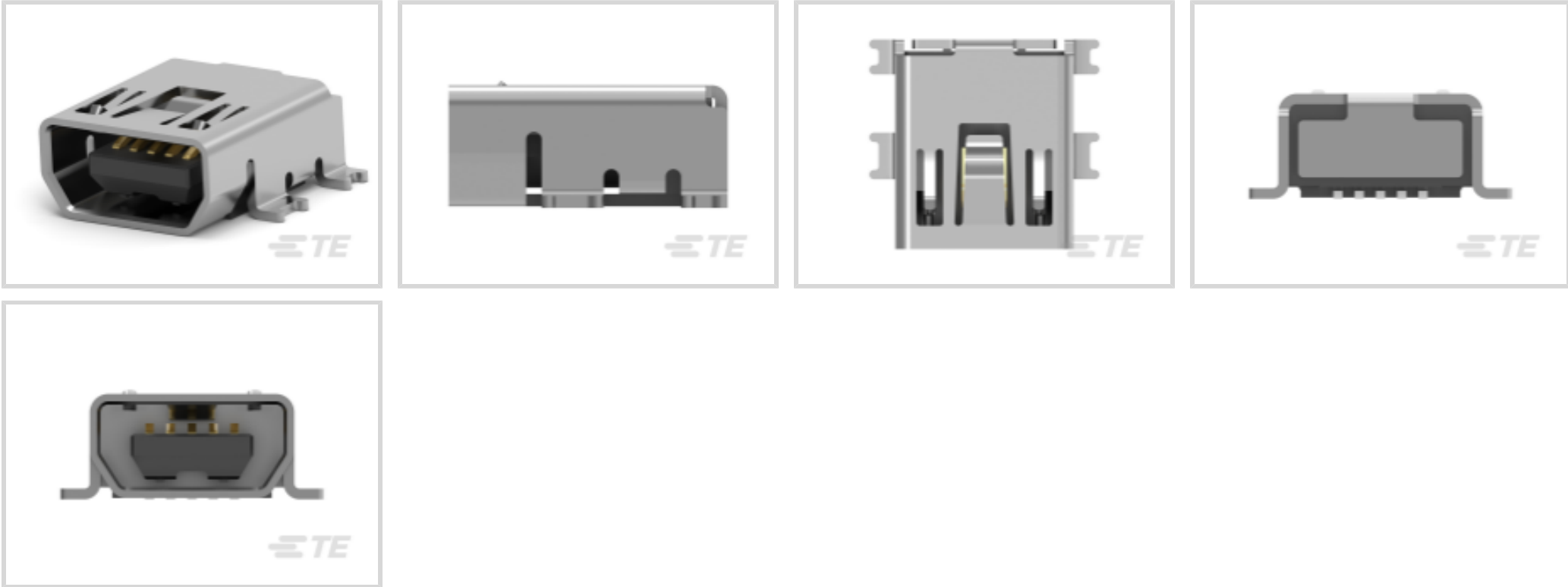




Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A/B**

USB Version: **2.0**

Connector Profile: **Mini**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Integral Locking Latch            | Without               |
| USB Adapter Type                  | A/B                   |
| USB Version                       | 2.0                   |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Cable-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |
| USB Connector Type                | Mini USB 2.0 Type-AB  |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Ports     | 1 |
| Number of Positions | 5 |

Body Features

|                        |                 |
|------------------------|-----------------|
| Offset                 | 0 mm            |
| Shell Plating Finish   | Bright          |
| Shell Plating Material | Tin over Copper |



|                                                |                                  |
|------------------------------------------------|----------------------------------|
| Connector Profile                              | Mini                             |
| Contact Features                               |                                  |
| Contact Mating Area Plating Material Thickness | .76 µm[29.92 µin]                |
| Contact Mating Area Plating Material           | Gold Flash over Palladium Nickel |
| 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                                | With                             |
| PCB Mount Location                             | Top                              |
| PCB Connector Seating                          | Flush                            |
| PCB Mount Retention Type                       | Hold-Down                        |
| Connector Mounting Type                        | Board Mount                      |
| Housing Features                               |                                  |
| Housing Material                               | PA 6T                            |
| Housing Color                                  | Black                            |
| Body Orientation                               | Right Angle                      |
| Centerline (Pitch)                             | .8 mm[.031 in]                   |
| Dimensions                                     |                                  |
| PCB Thickness (Recommended)                    | 1 mm[.039 in]                    |
| Usage Conditions                               |                                  |
| Soldering Temperature (Max)                    | 260 °C[500 °F]                   |
| Mating Cycles (Max)                            | 5000                             |
| Operating Temperature Range                    | -20 – 60 °C[-4 – 140 °F]         |
| Operation/Application                          |                                  |
| Halogen Free                                   | No                               |
| Assembly Process Feature                       | Carrier Tape                     |
| Circuit Application                            | Power & Signal                   |
| Industry Standards                             |                                  |
| Moisture Sensitivity Level                     | 1                                |
| Industry Standard                              | USB 2.0                          |



|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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                   | 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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

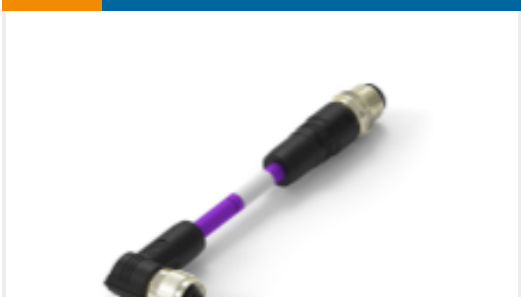
TE Part # 1929690-1  
USB CABLE, USB A to Mini USB, Blue



Customers Also Bought



TE Part #1-2176232-4  
3522 470K 1% 3W



TE Part #TAA756A5501-020  
M12A5-MS-FR-PUR-2.0M



TE Part #5555162-1  
MJ,LPF,R/A,8P,PNL STOPS



TE Part #5520249-2  
MJ,R/A,4P,PNL STOP,TRAY



TE Part #5-2301995-3  
RJ45 JACK INT.MAG. 10/100 LED 1X1 VERT.



TE Part #L9000266-01  
SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part #L9000279-01  
SMA Jack 50 Ohm .062 PCB Edge Mount

TE Part #AUA035N00420150000  
623 PLUG, ANGLED

TE Part #WXE2400SM  
DUCK,WXE,SMAM

Documents

- CAD Files

Customer View Model

ENG\_CVM\_CVM\_1775051-1\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1775051-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1775051-1\_A.3d\_stp.zip

English

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

- Product Specifications

Crimping of AMP Lattice Contact

English



Application Specification

English

Agency Approvals

UL Report

English