



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 | 2 |
| 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              | 2.84 mm[.112 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 | Kinked Legs |
| Panel Mount Feature Type | Flange      |
| Connector Mounting Type  | Board Mount |

Housing Features

|                    |                                |
|--------------------|--------------------------------|
| Housing Material   | Thermoplastic                  |
| Housing Color      | Natural                        |
| Body Orientation   | 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 °C[464 °F]            |
| Mating Cycles (Max)         | 1500                      |
| Operating Temperature Range | -55 - 85 °C[-67 - 185 °F] |

Operation/Application

|                     |                |
|---------------------|----------------|
| Halogen Free        | No             |
| 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 | 30               |
| Packaging Method   | Box & Tray, 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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



TE Part # 1827525-1  
MECHATROLINK II CONNECTOR KIT



TE Part # 1-1734028-1  
Std USB, Type A, Plug, Natural



TE Part # 1487599-1  
USB, A-BLUNT,28/28,BLK,0.83M



TE Part # 1734028-1  
Std USB Type A, Plug, Natural

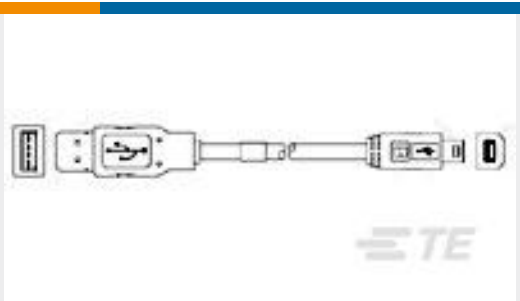




TE Part # 1487593-1  
USB, A-BLUNT,28/24,WHT,2.0M



TE Part # 1-1734028-3  
Std USB, Type A, Plug



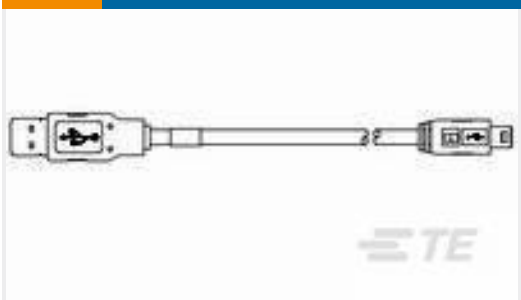
TE Part # 1496476-1  
STD USB-A TO MINI-B ASSY, 1M



TE Part # 1487600-1  
USB, A-BLUNT,28/26,BLK,1.0M

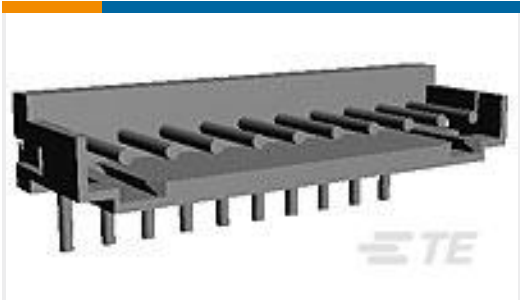


TE Part # 1487591-1  
USB, A-BLUNT,28/28,WHT,0.83M



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

Customers Also Bought



TE Part # 292253-8  
CT CONN MT HDR ASSY H 8P NAT



TE Part # 1565375-4  
Signal Header



TE Part # 5103309-8  
A/L LOW PRO HDR 40P VERT BLACK



TE Part # 1-794069-1  
18P MINI UMNL HDR W/DH AU LF



TE Part # 1676323-2  
RN 0805 3K09 0.1% 10PPM 1KRL



TE Part # 66399-1  
III+ SKT,24-20,TIN-LEAD,LP



TE Part # 0460-247-16141  
PIN, SOLID, SIZE 16, 16-20AWG, EXT, NI



TE Part # 3-2176373-0  
RQ 0805 20R 0.1% 10PPM 1K RL

Documents

Product Drawings  
Std USB Type A, R/A, T/H, Natural  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_292303-3\_E.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_292303-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_292303-3\\_E.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English