292303-3 ✔ ACTIVE

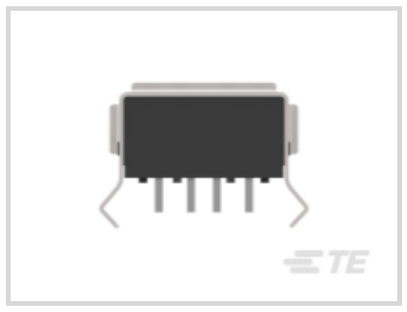
TE Internal #: 292303-3

A, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray / Tube, Flush, Through Hole - Solder, Cable-to-Board, USB Connectors

View on TE.com >

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 PCB	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 Color	Natural
Housing Material	Thermoplastic
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

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

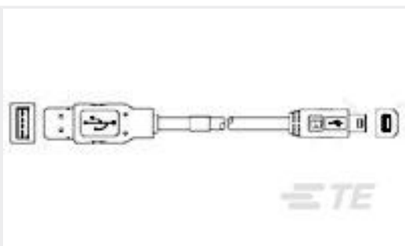
Product Compliance Disclaimer

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



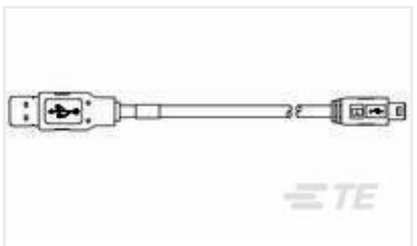
TE Part # 1-1734028-3
Std USB, Type A, Plug



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



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



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



TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



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



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

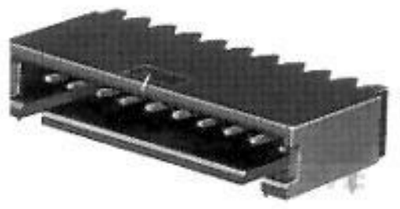


TE Part # 1487600-1
USB, A-BLUNT,28/26,BLK,1.0M



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

Customers Also Bought



TE Part #8-102203-4
03 MODII HDR SRRA SHRD LF



TE Part #3-794632-2
02P MICRO MNL ASSY,VRT,HDR,LF



TE Part #4-794632-6
16P MICRO MNL ASSY,VRT,HDR,LF



TE Part #4-1623929-0
CFR200 5% 470R



TE Part #1-1734037-0
Champ 050 series 100pos,Au over PdNi



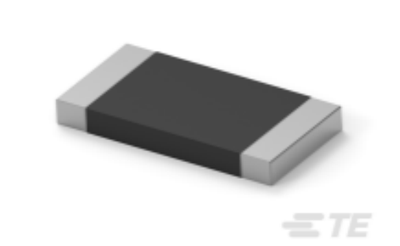
TE Part #2-1879213-4
CPF 0402 45R3 0.1% 25PPM 1K RL



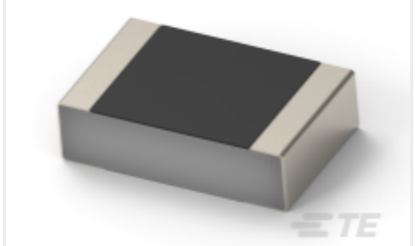
TE Part #1-1879378-2
TLR 2512 2.0W R003 1% 150PPM 2K RL



TE Part #1-2176322-3
SMV 1W 1M0 5%



TE Part #4-2176422-4
TLRP 2512 3.0W R150 1% 25PPM 4K RL



TE Part #5-2176453-1
CPF 0201 19K1 0.1% 25ppm 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

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

Product Specifications

Application Specification

English