292303-9 ✔ ACTIVE

TE Internal #: 292303-9

A, Standard USB, 2.0, Receptacle, 4 Position, Top Mount, 1 Port, Right Angle, Box & Tray / Reel, Offset, Surface Mount, Cable-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors

USB Type: **A**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

USB Type	A
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	4

Body Features

Shell Plating Finish	Bright
Shell Plating Material	Tin
Offset	4.13 mm
Connector Profile	Standard

Contact Features

Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	2.47 mm[.097 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Locking Feature	With
PCB Mount Alignment Type	Locating Posts
PCB Mount Location	Top Mount
PCB Connector Seating	Offset
PCB Mount Retention Type	SMT Hold-Down
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)	1.2 mm[.047 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °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
Test Identification (TID)	60001283

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
Packaging Method	Box & Tray, Reel

Product Compliance

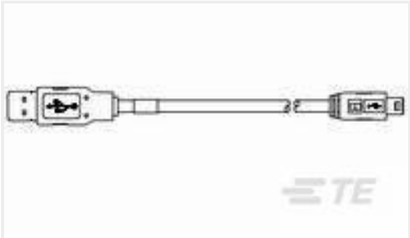
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

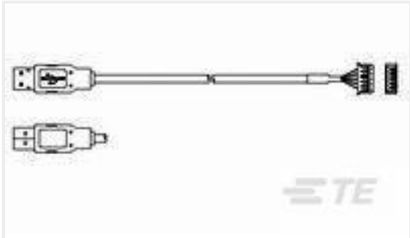
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1929690-1
USB CABLE, USB A to Mini USB,Blue

TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



TE Part # 2142872-1
cable assy, usb a plug to 5p hsg

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

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

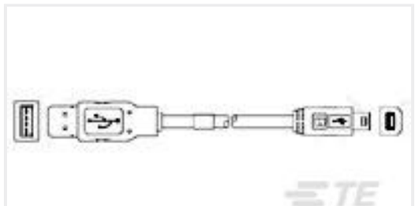
TE Part # 1487600-1
USB, A-BLUNT,28/26,BLK,1.0M

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

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

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

TE Part # 1487593-2
USB, A-BLUNT,28/24,WHT,1.5M

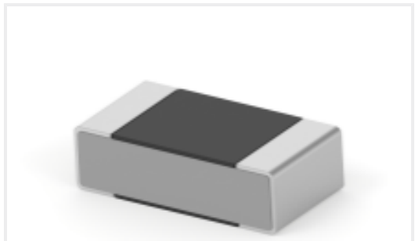


TE Part # 1496476-1
STD USB-A TO MINI-B ASSY, 1M

Customers Also Bought

TE Part #1469265-9
UPM R/A GUIDE PIN

TE Part #9-1879061-8
CPF0402 110K 0.1% 25PPM 5K RL



TE Part #6-1879207-5
RN 0603 464K 0.1% 10PPM 5K RL

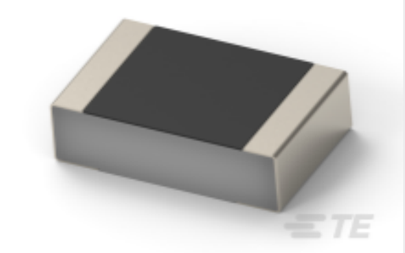
TE Part #1888653-5
2X1 OFFSET ST/JK WITH LEDS

TE Part #2018002-3
SEATING TOOL, 1X2 KIT

TE Part #2170030-1
SFP+ 1x4 w/ Ultra Low Profile LP

TE Part #8-2176422-1
TLRP 2512 3.0W R004 1% 75PPM 4K RL

TE Part #8-2176422-3
TLRP 2512 3.0W R006 1% 75PPM 4K RL



TE Part #6-2176453-2
CPF 0201 24K9 0.1% 25ppm 1K RL

TE Part #3-2176456-9
CPF 0603 2R49 0.1% 25ppm 1K RL

Documents

Product Drawings

Std USB Type A, R/A, SMT, Offset,Natural

English

CAD Files

Customer View Model

ENG_CVM_CVM_292303-9_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292303-9_E1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292303-9_E1.3d_stp.zip

English

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

Product Specifications

Application Specification

English