

1-292303-1 ✓ ACTIVE

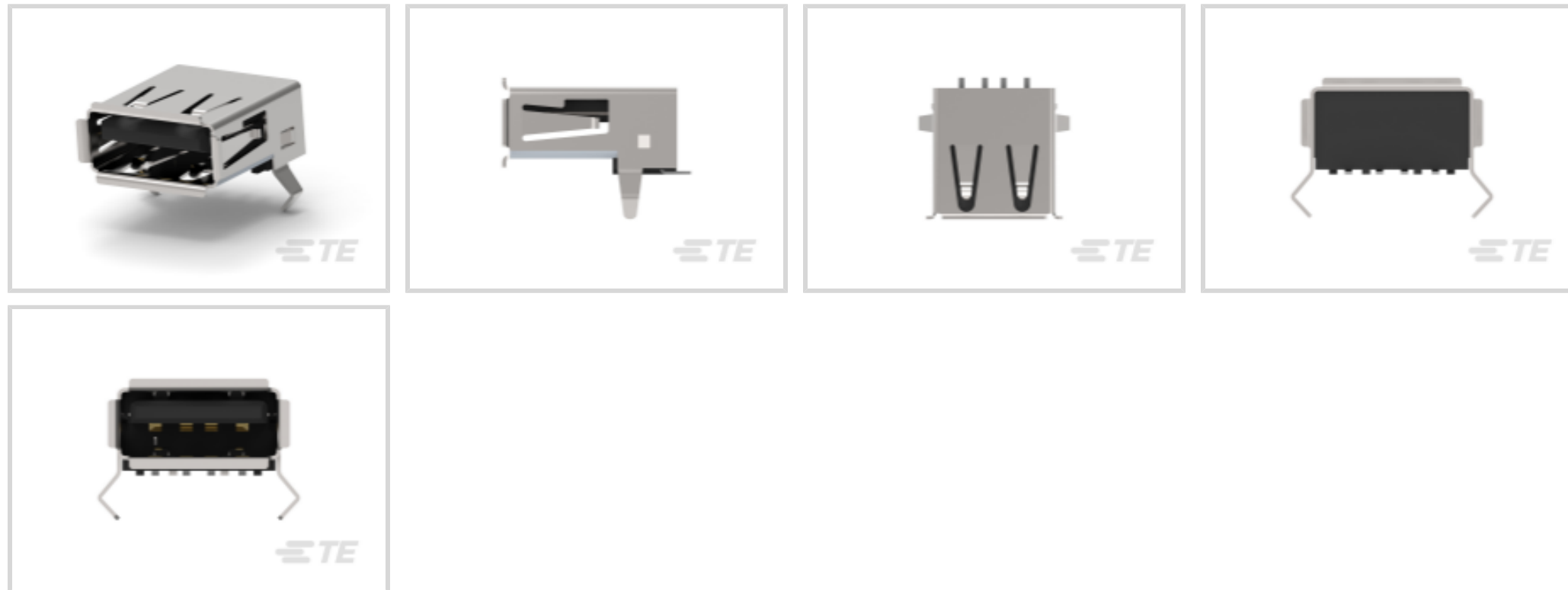


TE Internal #: 1-292303-1

A, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray / Tray, Flush, Surface Mount, Cable-to-Board, Flange, 1500, USB Connectors

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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

### Body Features

Connector Profile	Standard
Shell Plating Finish	Bright
Shell Plating Material	Tin

### Configuration Features

Number of Ports	1
Number of Positions	4
Number of Mounting Legs	2



### Mechanical Attachment

PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Kinked Legs
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount
Locking Feature	Without

### Housing Features

Body Orientation	Right Angle
Centerline (Pitch)	2 mm, 2.5 mm[.098 in][.078 in]
Housing Color	Black
Housing Material	Thermoplastic

### Packaging Features

Packaging Method	Tray, Box & Tray
Packaging Quantity	120

### Termination Features

Termination Method to PCB	Surface Mount
Termination Post & Tail Length	1.85 mm[.073 in]

### Usage Conditions

Soldering Temperature (Max)	240 °C[464 °F]
Mating Cycles (Max)	1500
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

### Contact Features

Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel

### Operation/Application

Circuit Application	Power & Signal
Halogen Free	No

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



## Dimensions

PCB Thickness (Recommended)	1.57 mm[.056 in]
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## Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
UL Flammability Rating	UL 94V-0

## 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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 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 #5-147278-5  
06 MTE HDR SRRA SFMNT .100CL



TE Part #4-794632-4  
14P MICRO MNL ASSY,VRT,HDR,LF



TE Part #4-794619-6  
16P MICRO MNL ASSY,R/A,HDR LF



TE Part #1857989-1  
Z-PACK/A F-HDR.110P EON



TE Part #2-6447232-4  
SUPER SEAL 34POS CAP ASSY V AU



TE Part #1857990-1  
Z-PACK/B F-HDR.125P, EON



TE Part #1-2008570-5  
5 POS MICRO MNL, SIDE LATCH, N



TE Part #1337775-1  
75 OHM COAX BNC STR PLUG P99-E

### Documents



## Product Drawings

### Std USB Type A, R/A, SMT

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-292303-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-292303-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-292303-1\\_E.3d\\_stp.zip](#)

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### UL Report

English