

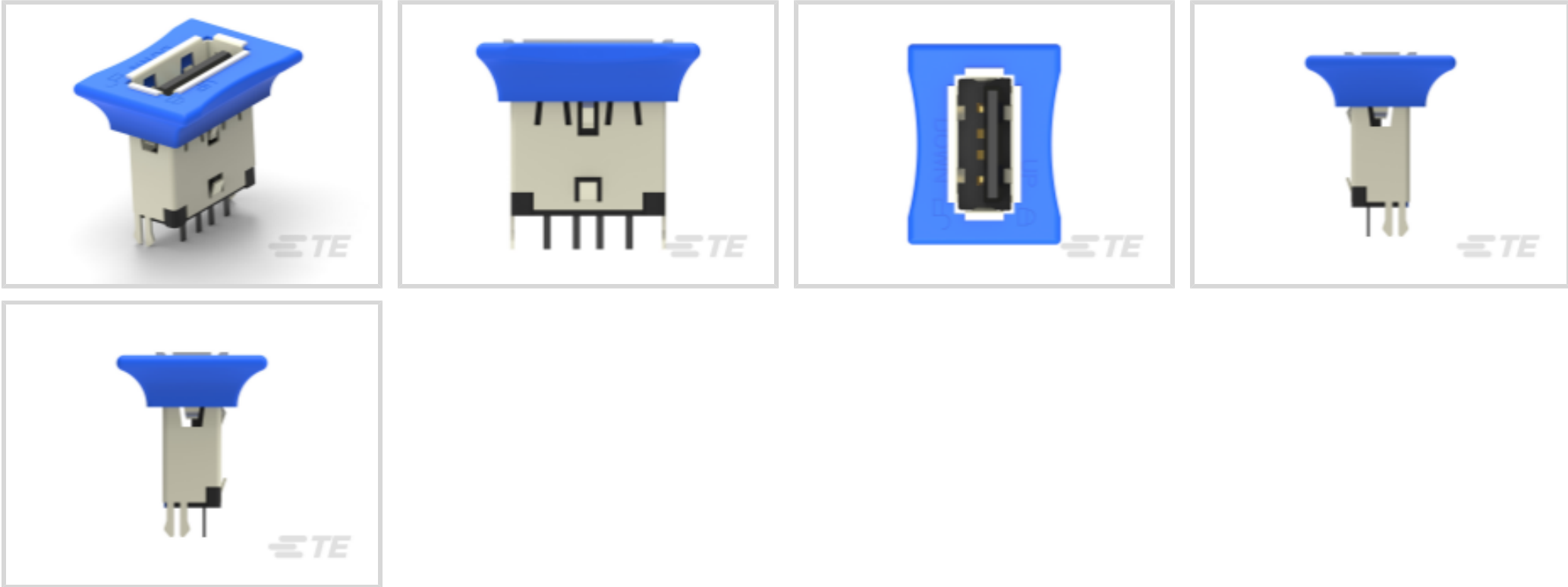


TE Internal #: 1775690-2

A, 2.0, Standard Profile, Receptacle, 1 Port, Top, Vertical, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board, 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

Configuration Features

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

Body Features

Shell Plating Material	Nickel
Connector Profile	Standard

Contact Features

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Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	2.5 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 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	Boardlock
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
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Usage Conditions

Soldering Temperature (Max)	240 °C[464 °F]
Mating Cycles (Max)	1500
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Halogen Free	No
Circuit Application	Power & Signal

Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	5A
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	100
Packaging Method	Box & Tray, Tray

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 2024 (240) 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>

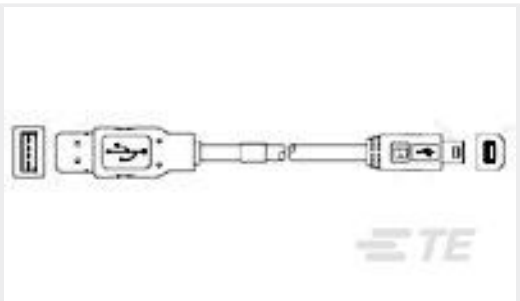
Compatible Parts



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



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



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



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



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

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

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

TE Part # 2040305-1
INDUSTRIAL USB PLUG KIT BULK
PACK STYLE

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

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

TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT

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

Customers Also Bought

TE Part #1217566-2
250 FASTON,PCB TAB,TCBR

TE Part #6-103635-6
17 MTE HDR SRRA LTCH.100CL LF

TE Part #2-2176341-6
CRGCQ 0805 1K2 1%

TE Part #CAT-LMPH9507
Low & Medium Power Header

TE Part #3-794631-6
06P MICRO MNL ASSY,VRT,HDR LF

TE Part #3-641119-2
02P MTA156 HDR ASSY FL/ST LF

TE Part #2-1879337-9
CPF 0603 4K87 1% 50PPM 1K RL

TE Part #1-796683-0
TERMI-BLOK PCB MOUNT 90 10P.

TE Part #5557484-1
MJ,TE,8P,SHLD,LOW PNL STR

Documents



Product Drawings

Std USB Type A, VT, T/H, 2.5A

English

CAD Files

Customer View Model

ENG_CVM_1775690-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1775690-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1775690-2_A.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

USB Quick Reference Guide (English)

English

Product Specifications

Product Specification

English

Product Specification

English