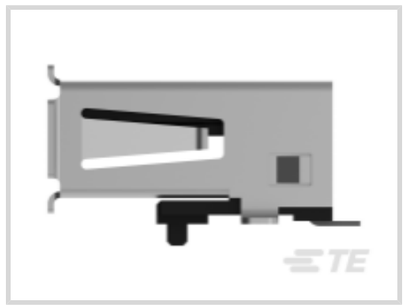
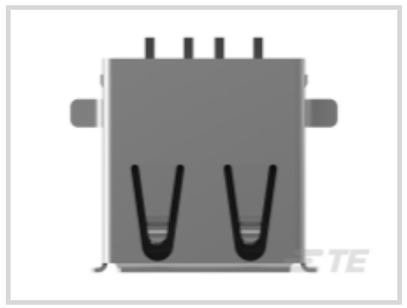
292303-1 ✔ ACTIVE

TE Internal #: 292303-1

A, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tube / 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

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	With

Housing Features

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

Packaging Features

Packaging Method	Tube, Box & Tube
Packaging Quantity	30

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.84 mm[.112 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[.062 in]

Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
Test Identification (TID)	60001133
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	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



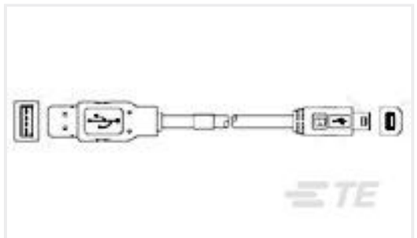
TE Part # 1734028-1
Std USB Type A, Plug, Natural



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



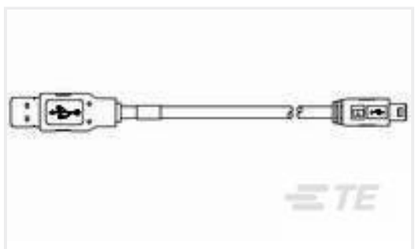
TE Part # 1487600-1
USB, A-BLUNT,28/26,BLK,1.0M



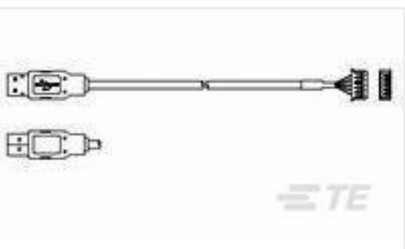
TE Part # 1487591-1
USB, A-BLUNT,28/28,WHT,0.83M



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



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

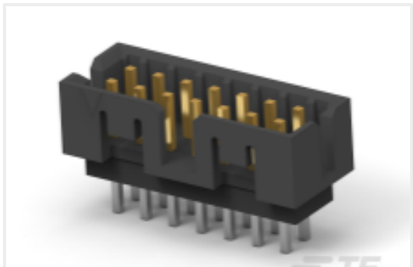


TE Part # 2142872-1
cable assy, usb a plug to 5p hsg

Customers Also Bought



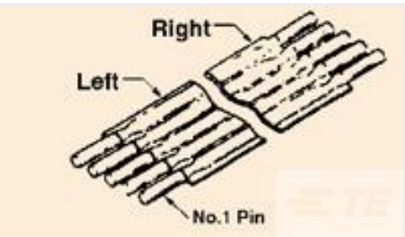
TE Part #5100785-1
2MM HDR, 125 POS 9.7MM



TE Part #1-2842238-4
14P,2MM,SHRD HDR,DRVT,0.76AU,TB



TE Part #3-487937-4
034 HOUSING FFC 50CL DR LATCH



TE Part #4-1437162-8
FSP-12A-6



TE Part #1-6450820-1
MBXL VERT HDR 6P+24S+6P

TE Part #2-1551920-4
zQSFP+ connector assembly

TE Part #2450731-1
CEM CA,PCIe X16 TO 2X MCIO X8 STR

TE Part #2007884-1
IMP100S,H,V6P10C,UG,OEW39,4.5

TE Part #2435029-1
USB,STDA,CABLE ASSY,2X28-2X20AWG YED LHD

Documents

Product Drawings

Std USB Type A, R/A, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292303-1_E4.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292303-1_E4.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292303-1_E4.3d_stp.zip

English

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Product Specifications

Application Specification

English