

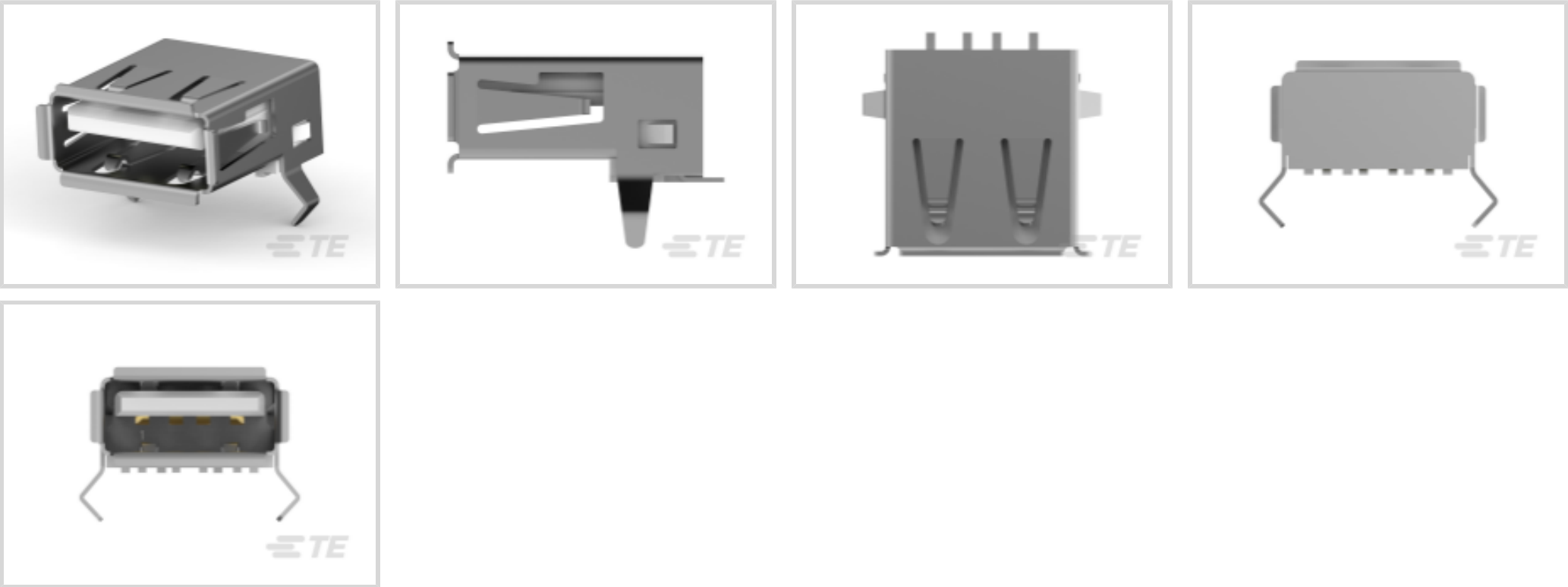


TE Internal #: 292303-7

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

Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
Test Identification (TID)	60001281
UL Flammability Rating	UL 94V-0

Dimensions

PCB Thickness (Recommended)	1.42 mm[.056 in]
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Operation/Application

Halogen Free	No
Circuit Application	Power & Signal

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	Surface Mount

Packaging Features

Packaging Quantity	120
Packaging Method	Tray, Box & Tray

Housing Features

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

Mechanical Attachment

Locking Feature	With
PCB Mount Location	Top
PCB Connector Seating	Offset
PCB Mount Retention Type	Kinked Legs
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

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
Offset	4.13 mm
Connector Profile	Standard

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

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	1500
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

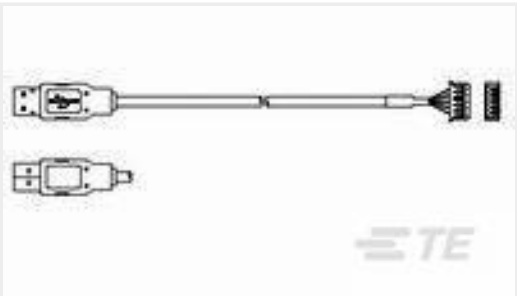
For compliance documentation, visit the product page on [TE.com](#)>

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

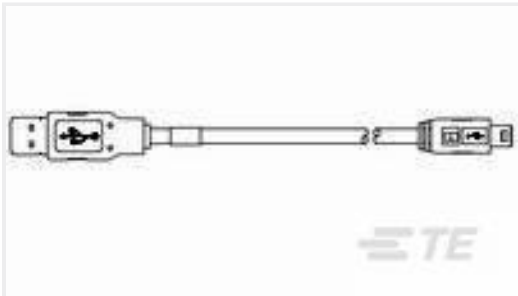
Product Compliance Disclaimer

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



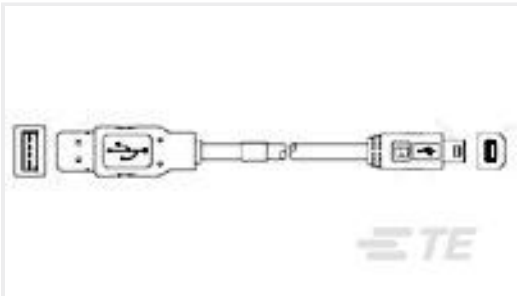
TE Part # 2142872-1
cable assy, usb a plug to 5p hsg



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



TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



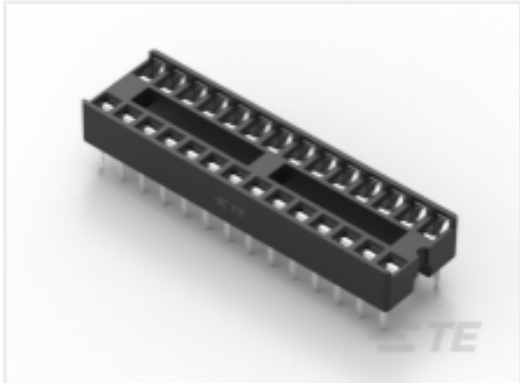
TE Part # 1496476-1
STD USB-A TO MINI-B ASSY, 1M



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



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



TE Part # 1-2199298-9
28P,DIP SKT,300 CL,LDR,PB FREE



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



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



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

Customers Also Bought



TE Part #6-1879213-5
CPF 0402 133R 0.1% 25PPM 1K RL



TE Part #4-1625885-3
1W SM M/OX 5% 220K

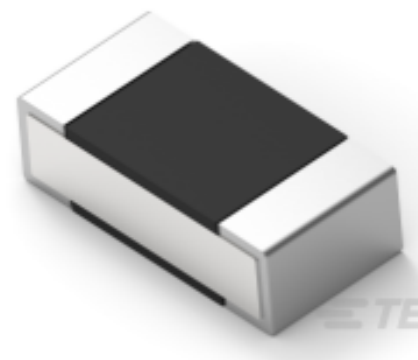


TE Part #2071556-5
OJS-SS-124HMF,00000

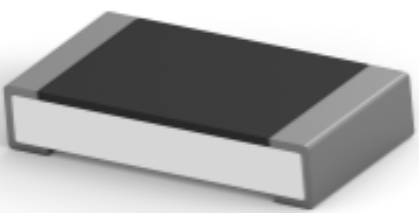


TE Part #2180490-1
IMP,PWR,4PR,HDR,R-HLD,1X,802-1,N /A





TE Part #1-2176306-6
RP 1E 0.1W 1K65 0.1% 25PPM 5K RL



TE Part #1-2176388-3
RQ 1206 13R3 0.1% 10PPM 5K RL



TE Part #5-147291-5
03 MODII HDR SR SFMT B/A T&R, lead-Free



TE Part #2-6609089-4
16WGA1=F4338



TE Part #1-1337415-0
N Str Plg Hex 50Ohm Silver Pltd RG9B /U,



TE Part #6368062-3
2X4 OFFSET STK MJ,SHLD,W/G&Y L

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292303-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292303-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292303-7_E.3d_stp.zip

English

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Product Specifications

Application Specification

English