

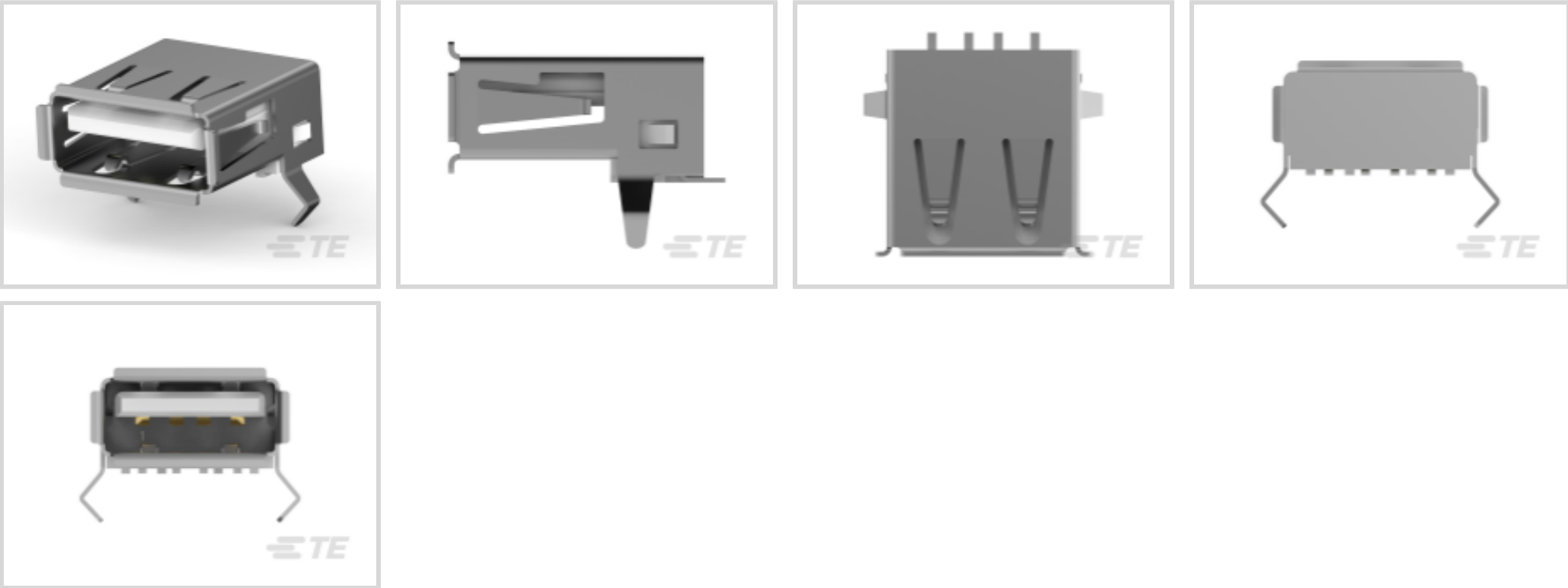


TE Internal #: 292303-7

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

Configuration Features

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

Body Features

Offset	4.13 mm
Shell Plating Finish	Bright
Shell Plating Material	Tin



Connector Profile	Standard
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
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
Housing Features	
Housing Material	Thermoplastic
Housing Color	Natural
Body Orientation	Right Angle
Centerline (Pitch)	2 mm, 2.5 mm[.078 in][.098 in]
Dimensions	
PCB Thickness (Recommended)	1.42 mm[.056 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	
Test Identification (TID)	60001281
Moisture Sensitivity Level	1



Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	120
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: 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 # 1-2199298-9
28P,DIP SKT,300 CL,LDR,PB FREE

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 #1734327-2
MINI USB, TYPE A, R/A, SMT

TE Part #2169809-1
IMP,Power,4PR,VR,Tin

TE Part #5-104450-3
04 MTE HDR SRST LATCH W/HLDWN

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





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



TE Part #6-1676123-3
1/2W SM M/OX 5% 330R



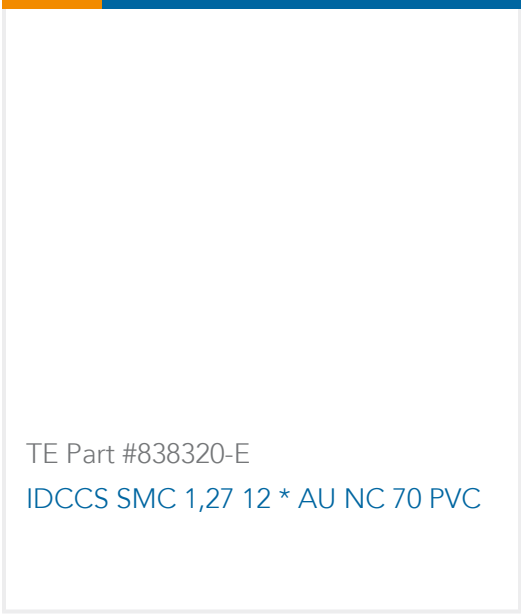
TE Part #8-2176381-8
RQ 0805 100K 0.1% 10PPM 5K RL



TE Part #9-2176380-1
RQ 0805 10K 0.1% 10PPM 5K RL



TE Part #ABC06N-12P-4048
IN-LINE PLUG



TE Part #838320-E
IDCCS SMC 1,27 12 * AU NC 70 PVC

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