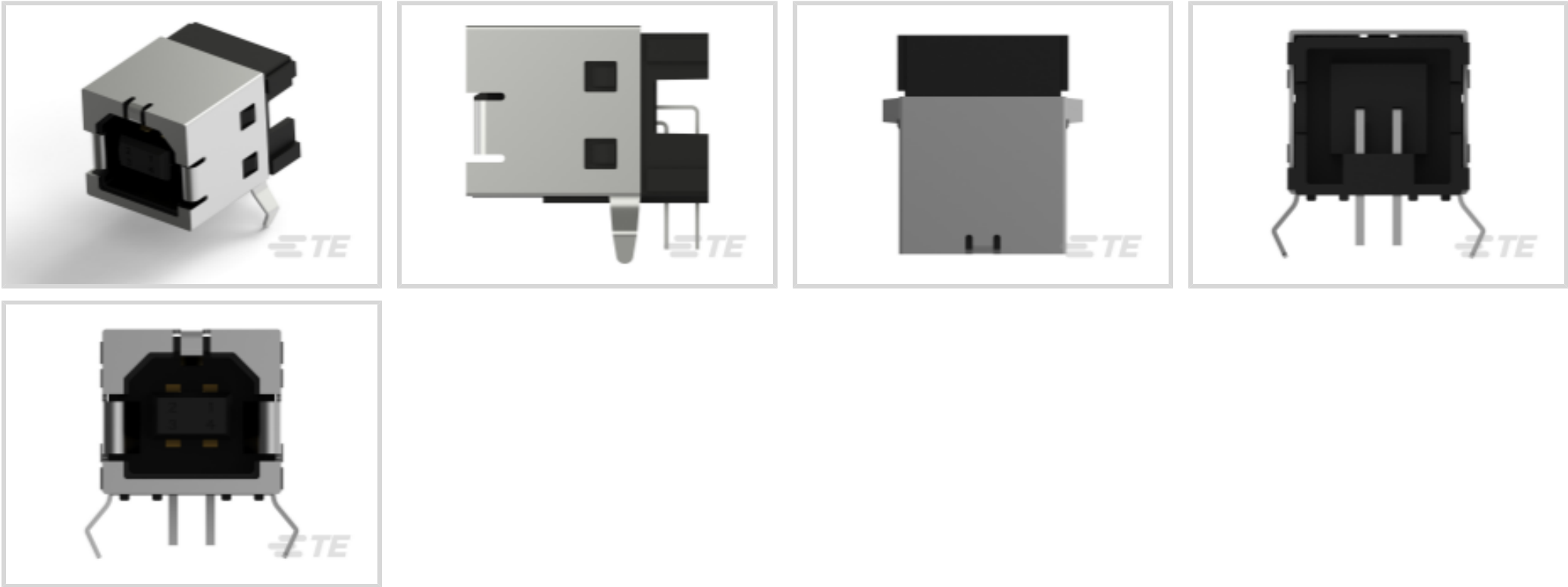




Connectors > Audio & Video Connectors > USB Connectors



USB Connector Type: B

USB Version: 2.0

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

Product Type Features

Integral Locking Latch	Without
USB Connector Type	B
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector
LED	Without

Configuration Features

Number of Ports	1
Number of Positions	4

Body Features

Offset	0 mm
Shell Plating Finish	Bright
Connector Profile	Standard



Shell Plating Material	Tin
Contact Features	
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Mating Area Plating Thickness	.76 µm[29.92 µin]
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Locking Feature	With
Locating Posts	Without
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount
Housing Features	
Body Orientation	Right Angle
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Thermoplastic
Housing Color	Black
Dimensions	
Tail Length	3.01 mm[.119 in]
PCB Thickness (Recommended)	1.57 mm[.062 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	Signal
Industry Standards	
Test Identification (TID)	60001134
Moisture Sensitivity Level	1



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

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	100

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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>

Customers Also Bought



TE Part #2-644861-7
Polyester Vertical PCB Header: 2.54 mm, Shrouded, MTA 100

TE Part #1-440129-0
AMP HPI 2.0MM RECEPTACLE HOUSINGS

TE Part #1734035-2
MINI USB, TYPE B, R/A, SMT

TE Part #1487590-2
USB, A-B, 25/20, WHITE, 5.0M

TE Part #292303-1
Std USB Type A, R/A, T/H

TE Part #3-2176388-0
RQ 1206 20R 0.1% 10PPM 5K RL

TE Part #3-2176430-5
MPT35 1R8 1%

TE Part #YDTS20F13-35BNV001
D38999: Square Flange, 13-35 insert

TE Part #1052324-1
2051 0000 02

TE Part #1825027-4
FSMRA2JHL04=R/A,TACT PB SW,100

Documents

Product Drawings

STD USB TYPE B, R/A, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292304-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292304-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292304-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages



USB and Mini USB Datasheet 7-1773442-0

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_292304-1_10232018826_dmtec

English

MD_292304-1_10232018826_dmtec

English

Agency Approvals

UL Report

English