292304-4 ✔ ACTIVE

TE Internal #: 292304-4

B, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board, USB Connectors
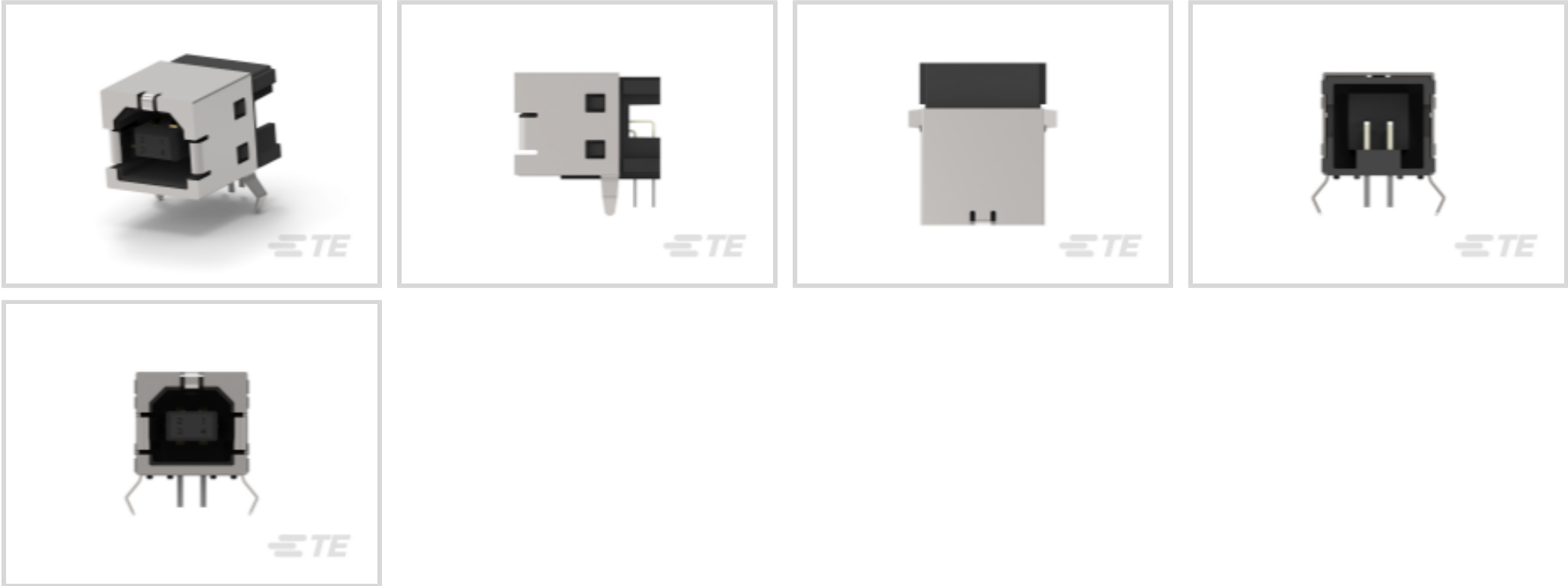
View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors

USB Adapter Type: **B**

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
UL Flammability Rating	UL 94V-0

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Operation/Application

Halogen Free	No
Circuit Application	Signal

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	3.01 mm[.119 in]

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Termination Method to PCB	Through Hole - Solder

Packaging Features

Packaging Quantity	100
Packaging Method	Tray, Box & Tray

Housing Features

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

Mechanical Attachment

Locking Feature	With
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount

Body Features

Shell Plating Finish	Bright
Shell Plating Material	Tin
Offset	0 mm
Connector Profile	Standard

Product Type Features

Integral Locking Latch	Without
USB Adapter Type	B
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-B

Configuration Features

Number of Ports	1
Number of Positions	4

Usage Conditions

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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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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

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B, 2.0, Standard Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray / Tray,
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TE Part # 1487587-1
USB, A-B, 28/26, WHITE, 1.0M

Customers Also Bought

TE Part #2-1879378-6
TLR 2512 1.0W R0005 1% 50PPM 2K RL

TE Part #5-103908-4
05 MTE HDR SRST LATCH W/HLDWN

TE Part #1-770834-0
MINI UMNL SOK AU LF

TE Part #7-1393250-3
W28-XT1A-8=W28
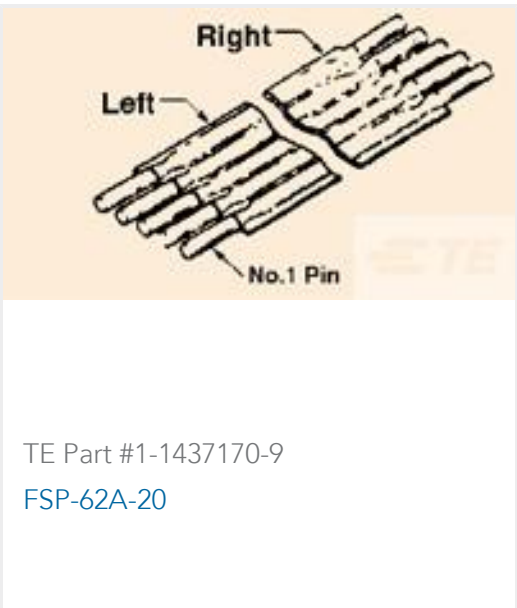
TE Part #6469286-1
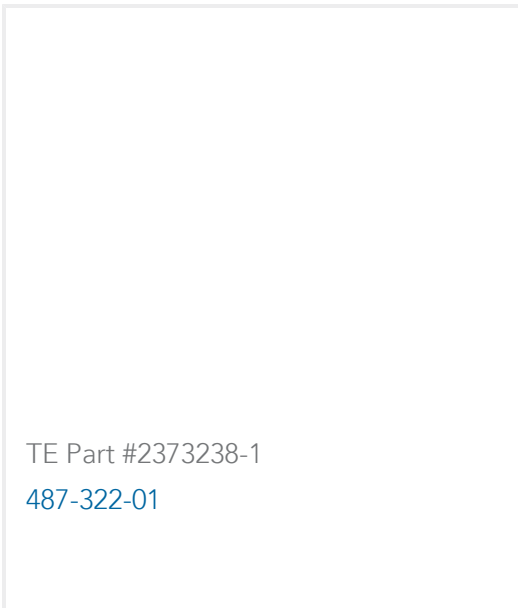HM-ZD 4PR RECP 96P

TE Part #2176511-9
CJP 600W 6R8 5% Lead

TE Part #1-292232-2
1.5 MINI CT SGL V SMT W/BOS,PO

TE Part #6-104809-0
11 MTE HDR SRST LATCH W/HLDWN

TE Part #1-1437170-9
FSP-62A-20

TE Part #2373238-1
487-322-01

Documents

Product Drawings
STD USB TYPE B, R/A, T/H, 15U" AU

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_292304-4_B.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_292304-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292304-4_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English