

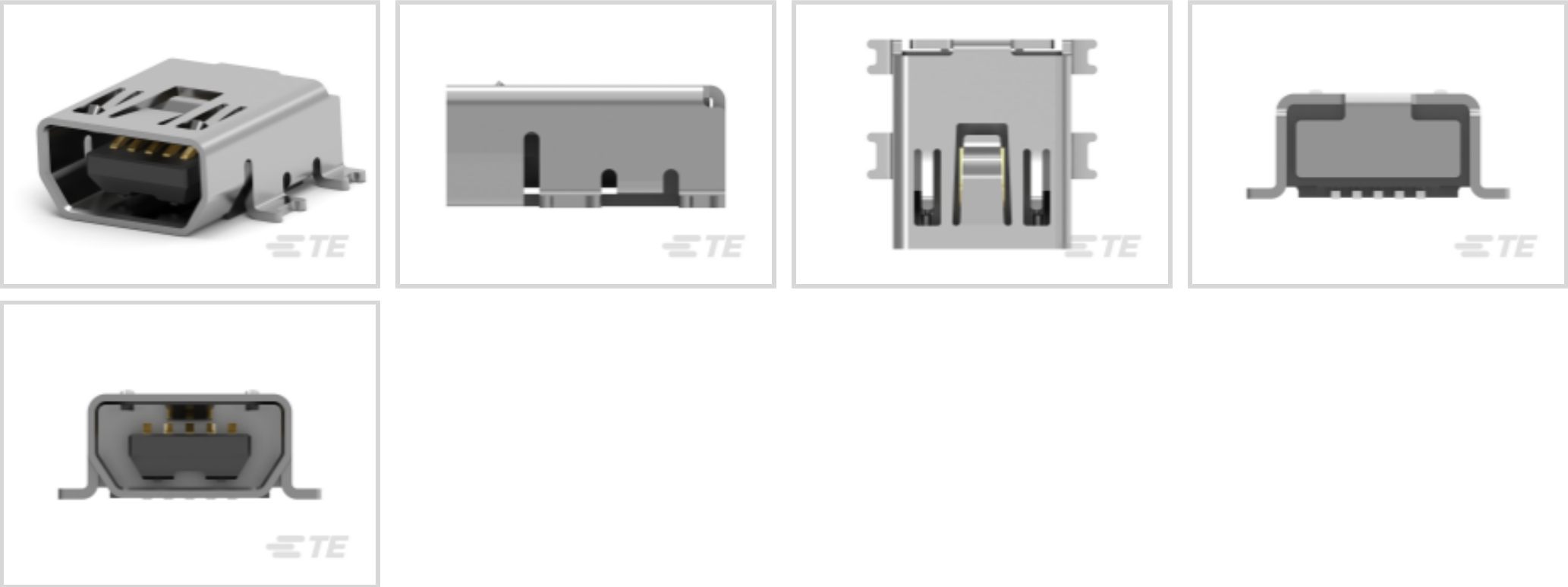


TE Internal #: 1775051-1

USB Connectors, A/B, 2.0, Mini Profile, Receptacle, 1 Port, Top, Right Angle, Tape & Reel, Flush, Surface Mount, Hold-Down PCB Mount Retention Type

[View on TE.com >](#)

Connectors > Audio & Video Connectors > USB Connectors



USB Connector Type: **A/B**

USB Version: **2.0**

Connector Profile: **Mini**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	Without
USB Connector Type	A/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	5

Body Features

Offset	0 mm
Shell Plating Finish	Bright



Connector Profile	Mini
Shell Plating Material	Tin over Copper

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Locking Feature	With
Locating Posts	Without
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Hold-Down
Connector Mounting Type	Board Mount

Housing Features

Body Orientation	Right Angle
Centerline (Pitch)	.8 mm[.031 in]
Housing Material	PA 6T
Housing Color	Black

Dimensions

Tail Length	1.15 mm[.045 in]
PCB Thickness (Recommended)	1 mm[.039 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	5000
Operating Temperature Range	-20 – 60 °C[-4 – 140 °F]

Operation/Application

Halogen Free	No
Assembly Process Feature	Tape
Circuit Application	Power & Signal

Industry Standards



Moisture Sensitivity Level	1
Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	700

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	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 # 1734205-1
MINI USB, TYPE B, PLUG. CABLE-KIT

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

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

Customers Also Bought

TE Part #178303-5
DYNAMIC 3100 HDR ASSY

TE Part #1735446-8
AMP HPI 2.0MM HEADERS

TE Part #9-1419111-3
PT571024

TE Part #1-2301994-2
RJ45 JACK INT.MAG. 1GB LED 1X1

TE Part #1-440146-0
1.25mm WTB Socket,Housing,10p

TE Part #1676352-3
RN 0805 499R 0.1% 10PPM 5KRL

TE Part #1825007-8
DRD10SE04=ROT DIP,10P,SMT

TE Part #1558661-7
PCB Power Relay: 30 amp, Monostable DC

TE Part #1-2201197-0
0.4 STACKING CONN H0.98 REC ASSEMBLY

Documents

Product Drawings

MINI USB, TYPE A/B, R/A, SMT, MYLAR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1775051-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1775051-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1775051-1_A.3d_stp.zip](#)

English

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Product Specifications

[Crimping of AMP Lattice Contact](#)

English

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English