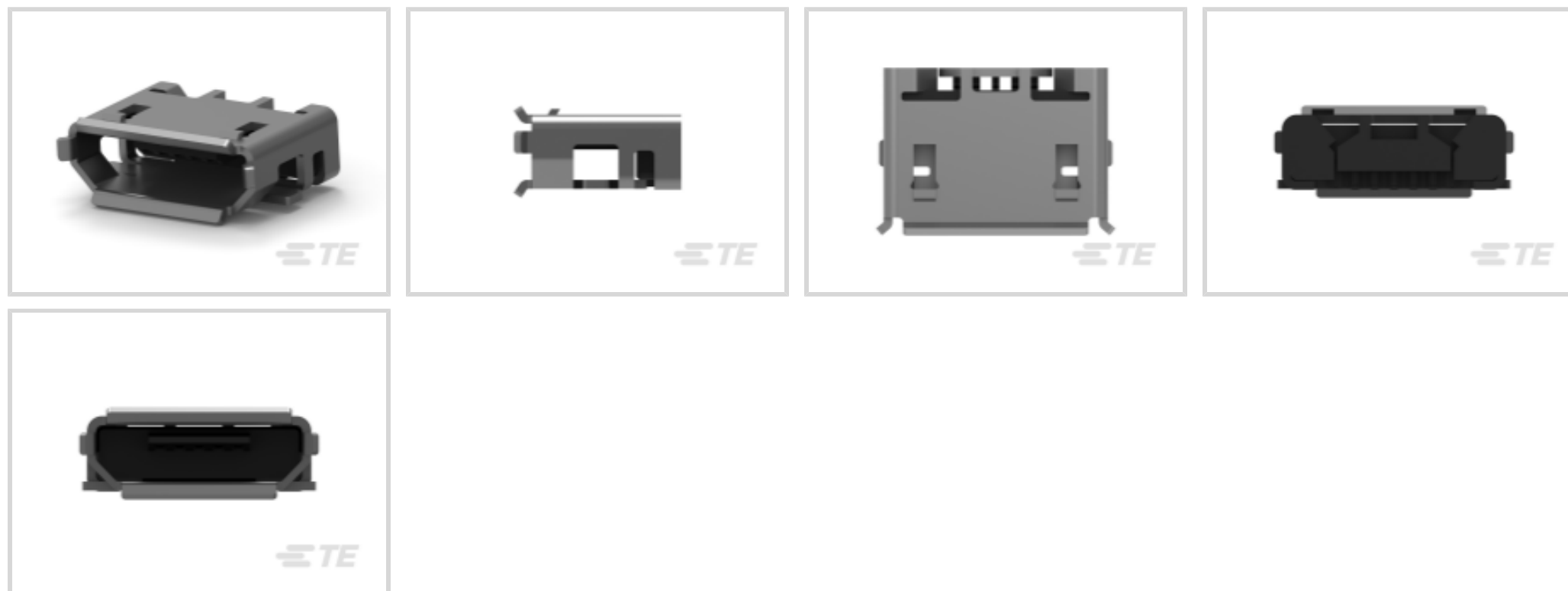




Connectors > Audio & Video Connectors > USB Connectors



USB Type: **B**

USB Version: **2.0**

Size: **Micro**

Connector Style: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	Without
USB Type	B
USB Version	2.0
Size	Micro
Connector Style	Receptacle
Orientation	Right Angle
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

Shell Plating Material	Reflowed Tin over Nickel
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Contact Features

Contact Current Rating (Max)	1.8 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.76 μm [29.52 μin]

Termination Features

Contact Termination Type	Surface Mount
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Locating Posts	Without
Mounting Location	Top
Locking Feature	Without
PCB Connector Seating	Offset
PCB Mount Retention Type	SMT Hold-Down
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.65 mm[.025 in]
Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Tail Length	.75 mm[.03 in]
PCB Thickness (Recommended)	.8 – 1. mm[.031 – .039 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Halogen Free	No
Pick & Place Capable	Yes
Pick and Place	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

Moisture Sensitivity Level	1
Test Identification (TID)	60001336
Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	1000

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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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 245°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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



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



TE Model / Part #3-644456-2
02P MTA100 HDR ASSY (NARROW)



TE Model / Part #1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



TE Model / Part #1981584-1
MICRO USB, TYPE A/B, GRAY



TE Model / Part #4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Model / Part #1625854-3
0603 PROBE PAD



TE Model / Part #1571983-4
GDH04S04=DIP SWITCH



TE Model / Part #1734035-1
MINI USB, TYPE B, R/A, SMT



TE Model / Part #1437566-3
FSM5M=3.5X6 SMT TACT



TE Model / Part #1747981-1
Std HDMI, RA, SMT

Documents

Product Drawings

MICRO USB, TYPE B,

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1981568-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1981568-1_G.3d_stp.zip](#)

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1981568-1_G.2d_dxf.zip](#)

English

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

Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

[5-1773464-3_Quick_Reference_Guide_Micro_USB_Connectors](#)

English

[USB Quick Reference Guide](#)

English

Product Specifications

[Product Specification](#)

Japanese

Product Environmental Compliance

[MD_1981568-1_04232018110_dmtec](#)

English

[MD_1981568-1_04232018110_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

Japanese