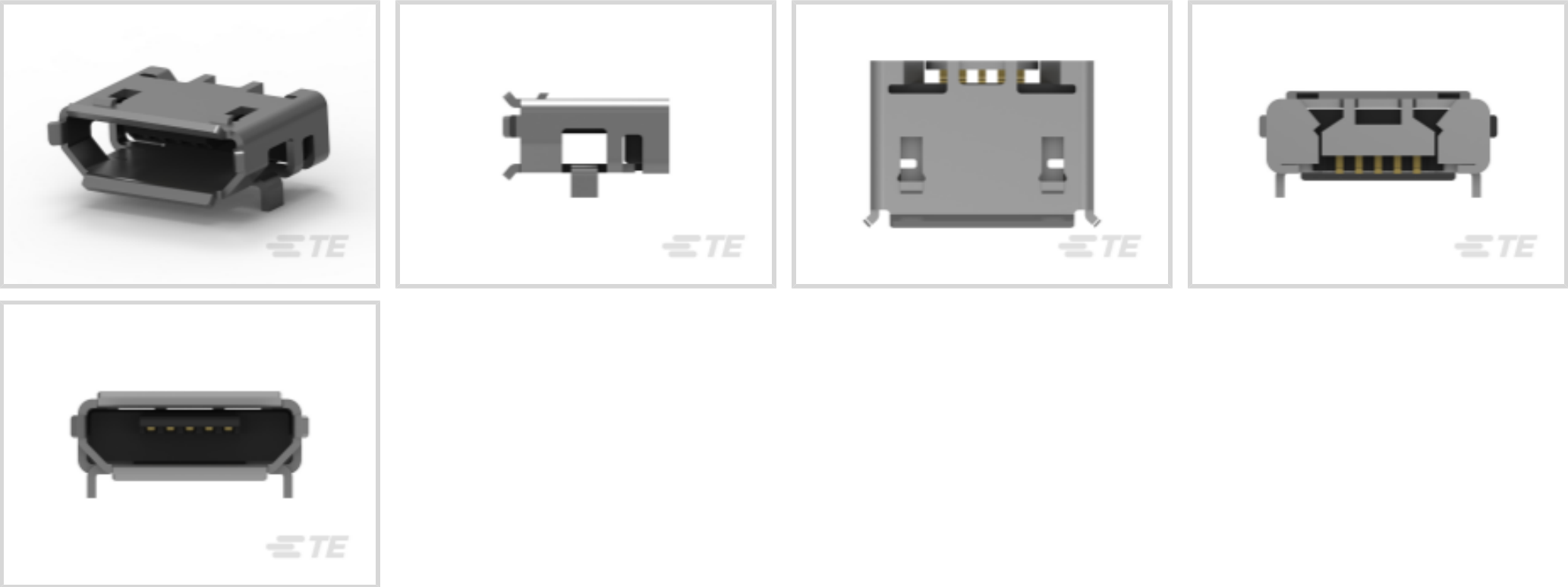




Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **B**

USB Version: **2.0**

Connector Profile: **Micro**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

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	Micro USB 2.0 Type-B

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



Connector Profile	Micro
Contact Features	
Contact Mating Area Plating Material Thickness	.76 µm[29.52 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.8 A
Termination Features	
Termination Post & Tail Length	.8 mm[.031 in]
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Locking Feature	Without
PCB Mount Location	Top
PCB Connector Seating	Offset
PCB Mount Retention Type	Straight Leg
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Thermoplastic
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	.65 mm[.025 in]
Dimensions	
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
Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal
Industry Standards	
Test Identification (TID)	61001336



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

Packaging Features

Packaging Quantity	1000
Packaging Method	Tape & Reel

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 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 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 #3-1393028-1
OACM-U = SLIM PCB MONT,3A,
120VAC-DC I/p

TE Part #2-969682-1
Signal Header

TE Part #967688-2
4pos MQS .63 header 90deg SMD

TE Part #5-146256-4
08 MODII HDR DRST B/A .100CL LF

TE Part #6450821-6
MBXL VERT HDR 12S+2HDP+12LP

TE Part #CSH-SGFB-200-UFFR
SMA to U.FL/MHF1 200mm 1.32 OD

TE Part #FTRA6971M5PB-001
OMNI,Ph,PMT,698-7125MHz

Documents

Product Drawings

MICRO USB, TYPE B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2013499-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2013499-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2013499-1_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

5-1773464-3_Quick_Reference_Guide_Micro_USB_Connectors

English

Product Specifications

Product Specification

Japanese

Product Environmental Compliance

MD_2013499-1_01282016358_dmttec



English

[MD_2013499-1_01282016358_dmtec](#)

English

Instruction Sheets

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

Japanese