TE Internal #: 1551629-3

A/B, 2.0, Micro Profile, Receptacle, 1 Port, Top, Right Angle,

Package, IPX4, Offset, Surface Mount, Cable-to-Board, 5 Position,

**USB** Connectors

View on TE.com >



#### Connectors > Audio & Video Connectors > USB Connectors











USB Adapter Type: A/B

USB Version: 2.0

Connector Profile: Micro

Connector & Housing Type: Receptacle

Number of Ports: 1

## **Features**

## Product Type Features

Troduct Type reatares	
Integral Locking Latch	Without
USB Adapter Type	A/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-AB
Configuration Features	
Number of Ports	1
Number of Positions	5
Body Features	
Shell Plating Finish	Matte
Shell Plating Material	Tin over Nickel
Offset	.8 mm



Connector Profile	Micro
Contact Features	
Contact Mating Area Plating Material Thickness	.76 μm[29.52 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	1.8 A
Termination Features	
Termination Post & Tail Length	.85 mm[.034 in]
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Locking Feature	Without
PCB Mount Location	Тор
PCB Connector Seating	Offset
PCB Mount Retention Type	SMT Hold-Down
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	
Industry Standard	USB 2.0
Moisture Sensitivity Level	1



UL Flammability Rating	UL 94V-0
IP Rating	IPX4
Packaging Features	
Packaging Quantity	1000
Packaging Method	Package

# **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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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	Not reviewed for solder process capability

#### 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**





# Customers Also Bought



TE Part #1-1462051-6 HF3 52 = 50OHM 140MW 4.5V MONO



TE Part #1827928-1 LEAF BATTERY CONN 3POS. P=3.2,



TE Part #2-644486-2 02P MTA100 SHRDED HDR ASSY SN

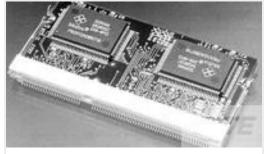




TE Part #3-1419104-6 T9AS5D22-24



TE Part #2041376-2 RJ45 W LED 2X2,30u'',DIP,H=25.4mm



TE Part #3-390112-1 SKT,SODIMM,144P,SDRAM3.3V,HIGH







# **Documents**

## **Product Drawings**

MICRO USB, TYPE A/B, SPLASHPROOF LOW MOQ

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1551629-3\_B\_c-1551629-3-b.2d\_dxf.zip

A/B, 2.0, Micro Profile, Receptacle, 1 Port, Top, Right Angle, Package, IPX4, Offset, Surface Mount, Cable-to-Board, 5 Position, USB Connectors



English

**Customer View Model** 

ENG\_CVM\_CVM\_1551629-3\_B\_c-1551629-3-b.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1551629-3\_B\_c-1551629-3-b.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

**Product Specification** 

English

**Product Specification** 

English