2172034-1 ✔ ACTIVE

Industrial USB IP20

TE Internal #: 2172034-1

USB Connectors, B, 2.0, Mini Profile, Receptacle, 1 Port, Top, Right Angle, Box & Tray, IP20, Flush, Through Hole - Solder, Industrial USB IP20

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors

USB Adapter Type: **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 Adapter Type	B
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	Mini USB 2.0 Type-B

Configuration Features

Number of Ports	1
Number of Positions	5

Body Features

Shell Plating Material	Nickel
Connector Profile	Mini

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Contact Features

Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	2.84 mm[.112 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF30
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Soldering Temperature (Max)	350 °C[662 °F]
Mating Cycles (Max)	5000
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Assembly Process Feature	None
Circuit Application	Power, Signal & High Speed Data

Industry Standards

Industry Standard	USB 2.0
IP Rating	IP20

Packaging Features

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Packaging Quantity	95
Packaging Method	Box & Tray

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: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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
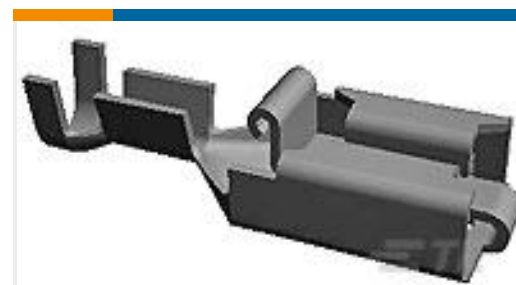
Compatible Parts

TE Part # 1496476-3
STD USB-A TO MINI-B ASSY 2.0M

TE Part # 1496476-2
STD USB-A TO MINI-B ASSY 1.5M

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

Also in the Series | Industrial USB IP20

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USB Connectors(9)

Customers Also Bought

TE Part #1-640453-2
12P MTA100 HDR ASSY SQ R/A

TE Part #6609064-2
3EOP=F7688A S0

TE Part #2-647127-3
03P MTA156 SHRD HDR ASSY LF

TE Part #1903815-1
INDUSTRIAL USB REC ASSY R/A 2ROW

TE Part #2213764-9
AV19 SPM 5A FIX RING LED YELLOW 12V

TE Part #9236-BCE-T-600-002
Ultra-low Pressure Digital Sensor

TE Part #160773-4
PL LP RECEPTACLE 0.5-1.5 MM2 TPPHBZ

Documents

Product Drawings
MINI USB B, RCPT, R/A, T/H, PBT, Tray

English

CAD Files
3D PDF

3D
Customer View Model
ENG_CVM_CVM_2172034-1_A.2d_dxf.zip

English
Customer View Model
ENG_CVM_CVM_2172034-1_A.3d_igs.zip

English
Customer View Model
ENG_CVM_CVM_2172034-1_A.3d_stp.zip

English

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Tray, IP20, Flush, Through Hole - Solder, Industrial USB IP20

Datasheets & Catalog Pages

1-1773463-4_INDUSTRIAL_USB_CONNECTORS

English

Product Specifications

Product Specification

English