# 1954637-1  ✔ ACTIVE

## Industrial USB IP20

TE Internal #: 1954637-1

Industrial USB IP20, USB Connectors, A, 2.0, Standard Profile, Plug, 1 Port, Cable Mount, Straight, Bag/Box, IP67, None PCB Mount Retention Type

View on TE.com >



Connectors > Audio & Video Connectors > USB Connectors

USB Connector Type:  **A**

USB Version:  **2.0**

Connector Profile:  **Standard**

Connector & Housing Type:  **Plug**

Number of Ports:  **1**

## Features

### Product Type Features

| | |
|---|---|
| USB Connector Type | A |
| USB Version | 2.0 |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Product Type | Connector |
| LED | Without |

### Configuration Features

| | |
|---|---|
| Number of Ports | 1 |
| Number of Positions | 4 |

### Body Features

| | |
|---|---|
| Connector Profile | Standard |
| Shell Plating Material | Nickel |

### Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 1.5 A |
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Thickness | .76 µm[29.92 µin] |

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## Mechanical Attachment

| | |
|---|---|
| Locking Feature | With |
| PCB Mount Location | Cable Mount |
| PCB Mount Retention Type | None |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Body Orientation | Straight |
| Housing Material | Polyester GF |
| Housing Color | Black |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Assembly Process Feature | None |
| Circuit Application | Power, Signal & Data |

## Industry Standards

| | |
|---|---|
| Industry Standard | USB 2.0 |
| Degree of Protection | IP67 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Bag/Box |

## Other

| | |
|---|---|
| Comment | Circular Coupling, Sealed |

## 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC |

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| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|---|---|
| Solder Process Capability | Not applicable for solder process capability |

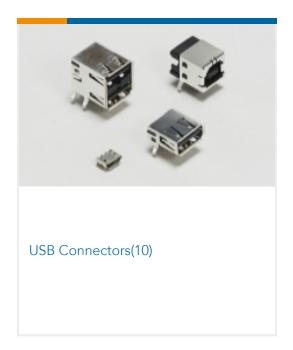Product Compliance Disclaimer

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



TE Part # 1828740-1
ASSEMBLY, PROTECTIVE CAP



TE Part # 1954643-1
Recpt Kit,Series A to Series A

## Also in the Series | Industrial USB IP20



USB Connectors(10)

## Customers Also Bought

# 1954637-1

Industrial USB IP20, USB Connectors, A, 2.0, Standard Profile, Plug, 1 Port, Cable Mount, Straight, Bag/Box, IP67, None PCB Mount Retention Type

TE Part #1828618-1
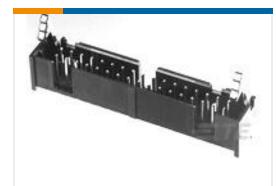KIT,PLUG,LC,ODVA,MM

TE Part #1761608-9
IDC LOW PRO HDR 26P VERT SHT LAT BLK

TE Part #9-146281-0
40 MODII HDR SRST B/A .100CL

TE Part #103653-3
04 MTE SHRD PIN HSG SR LATCH

TE Part #1761608-3
IDC LOW PRO HDR 10P VERT SHT L

TE Part #1825426-2
TRD13D10WLLR2504 rocker switch

TE Part #1050721-1
2001 7188 02

TE Part #1-1879213-5
CPF 0402 36R5 0.1% 25PPM 1K RL

TE Part #103638-4
05 MTE HDR SRST LATCH .100CL

TE Part #1053111-1
2056 5168 00

## Documents

### Product Drawings
Plug Kit,USB Series A

English

### CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1954637-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1954637-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1954637-1_A.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1954637-1

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CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

1-1773463-4_INDUSTRIAL_USB_CONNECTORS

English

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English