



Industrial USB IP20

TE Internal #: 2040305-1

A, 2.0, Standard Profile, Plug, 1 Port, Cable Mount, Straight, Bag, IP20, Wire-to-Board, 4 Position, Wire & Cable, Industrial USB IP20, USB Connectors

[View on TE.com >](#)

Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A**
USB Version: **2.0**
Connector Profile: **Standard**
Connector & Housing Type: **Plug**
Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	With
USB Adapter Type	A
USB Version	2.0
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
USB Connector Type	USB 2.0 Type-A

Configuration Features

Number of Ports	1
Number of Positions	4

Body Features

Shell Plating Material	Nickel over Copper
Connector Profile	Standard



Contact Features

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

Mechanical Attachment

Locking Feature	With
PCB Mount Location	Cable Mount
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	Plastic
Body Orientation	Straight

Usage Conditions

Soldering Temperature (Max)	350 °C[662 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
Industry Standard	USB 2.0
IP Rating	IP20

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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: JAN 2025
(247)
Does not contain REACH SVHC

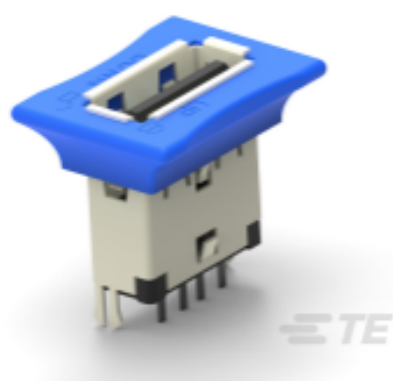
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

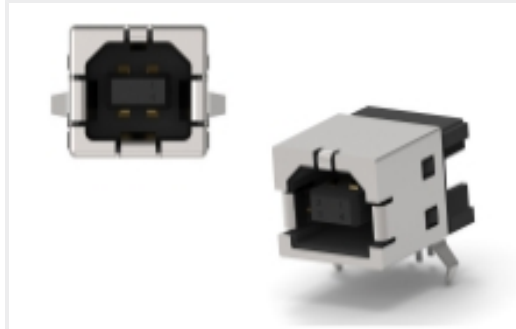
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1775690-2
Std USB Type A, VT, T/H, 2.5A

Also in the Series | Industrial USB IP20

 USB Connectors(9)	 USB Mini Connectors(1)	 USB Type A Connectors(8)	 USB Type B Connectors(1)
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Customers Also Bought



TE Part #AEA110M04000201000
[623 RECEPTACLE, SPEEDTEC-READY](#)

TE Part #AEA577M04000201000
[623 RECEPTACLE, SPEEDTEC-READY](#)

TE Part #4-1879497-1
[CRGH1206 5% 47R 0.5W](#)

TE Part #T1250163121-000
[H16B-TSBS-PG21](#)

TE Part #T2114000201-000
[HMN-USB-F](#)

TE Part #BSA078F48580235000
[923 PLUG](#)

TE Part #T1260163121-000
[H16B-TGBS-PG21](#)

TE Part #T1870162000-000
[H16B-RAIL-SET](#)

TE Part #ASA013F11410299000
[623 P SCREW 12POS](#)

TE Part #ASA014F11410299000
[623 P SCREW 17POS](#)

Documents

Product Drawings

[INDUSTRIAL USB PLUG KIT BULK PACK STYLE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2040305-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2040305-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2040305-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



USB Quick Reference Guide (English)

English

Product Specifications

INDUSTRIAL USB PLUG CONNECTOR KIT

Japanese

Application Specification

Japanese