



Industrial USB IP20

TE Internal #: 2040305-1

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

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

Mechanical Attachment

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

Housing Features

Housing Material	Plastic
Housing Color	Black
Body Orientation	Straight

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 & High Speed Data

Industry Standards

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 2024
(240)
Candidate List Declared Against: JAN 2024
(240)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1775690-2
Std USB Type A, VT, T/H, 2.5A

Also in the Series | Industrial USB IP20



USB Connectors(9)

Customers Also Bought



TE Part #42470-1
110 FASTON REC 22-18 AWG TPBR



TE Part #2-173983-4
AMP CT MT AMP-IN HDR-H YEL 4P



TE Part #8-1879208-9
CPF 0402 47K 0.1% 25PPM 1K RL



TE Part #8-1879061-9
CPF 0402 47K 0.1% 25PPM 5K RL



TE Part #3-2176337-9
CRGCQ 0402 15K 1%



TE Part #D74720-000
B-155-05-S



TE Part #331006-005
55A1111-24-9-9



TE Part #7223870001
TMS-SCE-1/8-2.0-S1-4



TE Part #EKB201N00320500000
915 EXTENSION



TE Part #ER9662-000
TMS-CT-50M-3/4-OUT-2L

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