2013798-1 ✓ ACTIVE

Industrial USB IP20

TE Internal #: 2013798-1

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

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

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

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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	1
Packaging Method	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: JAN 2024 (240)

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

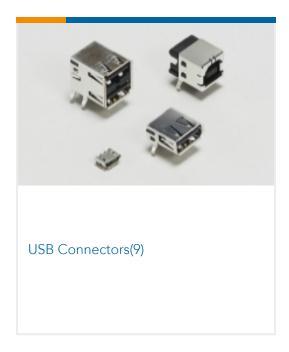|	
	Candidate List Declared Against: JAN 2024 (240)
	Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

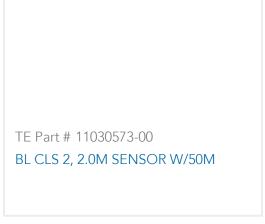## Compatible Parts

TE Part # 1903814-1
INDUSTRIAL USB REC ASSY R/A 1ROW

TE Part # 1903741-1
USB SERIES A REC ASSY R/A 1ROW THRU-HOLE

Also in the Series | Industrial USB IP20

USB Connectors(9)

Customers Also Bought

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

TE Part # 3-1625892-5
3W SM M/OX 5% 27K

TE Part # 1-2176511-7
CJP 600W 33R 5% Lead

TE Part # ZPF000000000019121
FDBA 56-12-10 PN-K-A246

TE Part # 11030573-00
BL CLS 2, 2.0M SENSOR W/50M

TE Part # 11032051-00
BL CLS 2, 2.0M SENSOR W/100M

Documents

Product Drawings
INDUSTRIAL USB PLUG CONN KIT

English

CAD Files
Customer View Model
ENG_CVM_CVM_2013798-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2013798-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2013798-1_C.3d_stp.zip

English

Datasheets & Catalog Pages
USB Quick Reference Guide (English)

English

1-1773463-4_INDUSTRIAL_USB_CONNECTORS

English

Product Specifications
INDUSTRIAL USB PLUG CONNECTOR KIT

Japanese

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

Application Specification

Japanese