



Industrial USB IP20

TE Internal #: 1827525-1
A, 2.0, Standard Profile, Plug, 1 Port, Cable Mount, Straight, Box, IP20, Wire-to-Wire, 1500, 4 Position, Industrial USB IP20, USB Connectors

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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

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 A

Mechanical Attachment

Locking Feature	Without
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]
Mating Cycles (Max)	1500
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

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

Industry Standards

IP Rating	IP20
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Packaging Features

Packaging Method	Box
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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 2024 (241) Candidate List Declared Against: JUL 2021 (219)



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 # 5787617-3 RECP ASSY, R/A, STACKED, THRU-HOLE, USB,	 TE Part # 1775690-2 Std USB Type A, VT, T/H, 2.5A	 TE Part # 5787617-4 RECP ASSY, R/A, STACKED, THRU-HOLE, USB,	 TE Part # 1-292303-1 Std USB Type A, R/A, SMT
 TE Part # 292303-5 Std USB Type A, R/A, T/H, Natural	 TE Part # 5787745-5 USB A R/A STAK ASSY THRU HOLE	 TE Part # 1734366-3 Std USB Type A, VT, T/H, Blue	 TE Part # 5787745-1 USB A R/A STAK ASSY THRU HOLE
 TE Part # 1734366-4 Std USB Type A, VT, T/H	 TE Part # 5787617-8 RECP ASSY, R/A, STACKED, THRU-HOLE, USB,	 TE Part # 5787745-2 USB A R/A STAK ASSY THRU HOLE	 TE Part # 1734366-1 Std USB Type A, VT, T/H



TE Part # 5353928-2
Std USB Type A, R/A, SMT, Offset, Panel

TE Part # 5353929-1
Std USB Type A, R/A, SMT, Offset, Panel

TE Part # 5787745-4
USB A R/A STAK ASSY THRU HOLE

TE Part # 1-1734775-1
Std USB Type A, Flag, T/H, 1.8A

TE Part # 292303-1
Std USB Type A, R/A, T/H

TE Part # 5787617-1
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,

TE Part # 292303-7
Std USB Type A, R/A, SMT, Offset, Natural

TE Part # 292303-2
Std USB Type A, R/A, T/H

Also in the Series | Industrial USB IP20

USB Connectors(9)

Customers Also Bought

TE Part #2040008-2
INDUSTRIAL MINI I/O PLUG KIT D2-WHITE L

TE Part #1-1318118-6
DYNAMIC D-2100 REC HSG 12P

TE Part #2-179555-6
DYNAMIC D-3200 WTW TAB HSG 12P

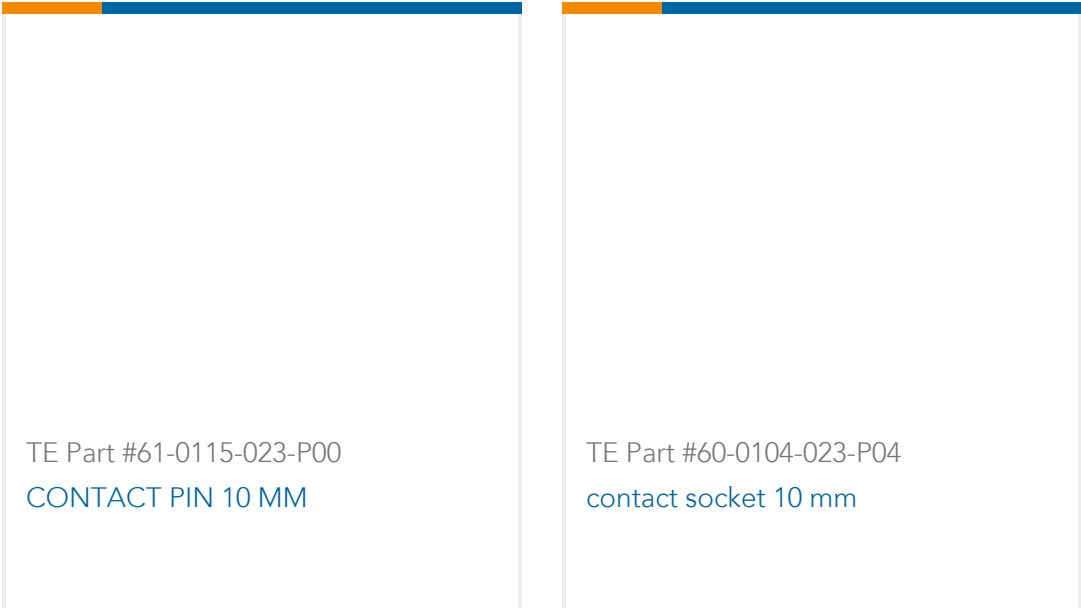
TE Part #41729
250 FASTON REC 18-16 AWG TPBR

TE Part #171825-7
V-TYPE E.I.S.CONN. 7P ASSY

TE Part #60-0106-011-P00
CONTACT SOCKET 1.6 MM

TE Part #61-0117-011-P00
CONTACT PIN 1.6 MM

TE Part #60-0103-023-P04
contact socket 10 mm



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1827525-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1827525-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1827525-1_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773463-4_INDUSTRIAL_USB_CONNECTORS

English

Product Specifications

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese