2173157-3 ✔ ACTIVE

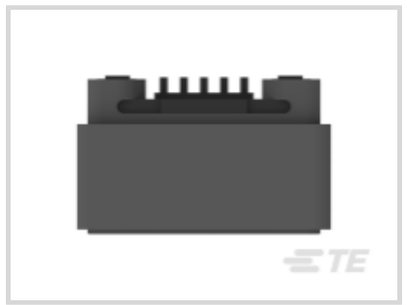
TE Internal #: 2173157-3

B, 2.0, Micro Profile, Receptacle, 1 Port, Top, Right Angle, Tape & Reel, IPX4, Offset, Surface Mount, Cable-to-Board, Flange, 10000, USB Connectors

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors







USB Adapter Type: **B**

USB Version: **2.0**

Connector Profile: **Micro**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	Without
USB Adapter Type	B
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	Micro USB 2.0 Type-B

Configuration Features

Number of Ports	1
Number of Positions	5

Body Features

Offset	.8 mm
Shell Plating Finish	Matte
Shell Plating Material	Tin over Nickel

Connector Profile	Micro

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[29.52 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.8 A

Termination Features

Termination Post & Tail Length	.85 mm[.034 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top
PCB Connector Seating	Offset
PCB Mount Retention Type	SMT Hold-Down
Panel Mount Feature Type	Flange
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Body Orientation	Right Angle
Centerline (Pitch)	.65 mm[.025 in]

Dimensions

PCB Thickness (Recommended)	.8 – 1. mm[.031 – .039 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Halogen Free	No
Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

Moisture Sensitivity Level	1

Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0
IP Rating	IPX4

Packaging Features

Packaging Quantity	1000
Packaging Method	Tape & Reel

Product Compliance

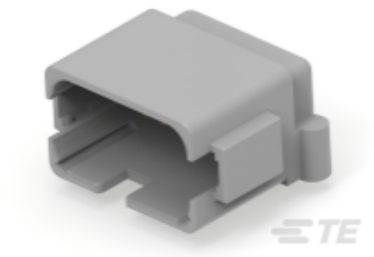
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

Customers Also Bought



TE Part #DTF13-12PA-G003
HDR, 12P, GRY, RA, AU/NI/CU, A



TE Part #1827625-1
SHIELD FINGER 3014 ANTI OVER STRESS TYPE



TE Part #6-1879233-1
SMW5 33R 5%



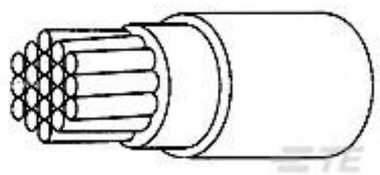
TE Part #6-103361-0
12 MODII HDR SRRA SHRD LF



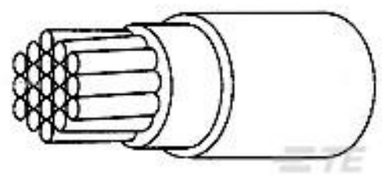
TE Part #4-1617339-6
RP20899G2=ACCESSORY MOUNTING P



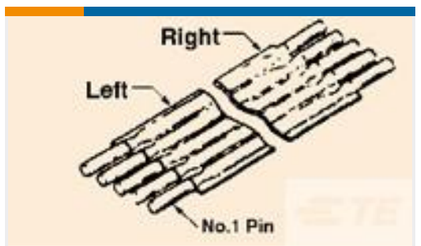
TE Part #710979-1
XCT 4-6



TE Part #3025373001
100G0111-1.20-2



TE Part #5956233001
100G0111-0.60-9



TE Part #5-1437189-3
FST-24A-20



TE Part #5-2176268-6
RU 0603 1K0 0.01% 2PPM 1K RL

Documents

Product Drawings

MICRO USB, TYPE B, SPLASHPROOF (LOW MOQ)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2173157-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2173157-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2173157-3_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

141991-2 1903112-2 2834055-1 3631B101LL 1969656-1 2-292161-3 2310537-1 936348-1 3430B2F51RTDF RH73H2A40MKTN SBCHE154R7K SBCHE64R7K SMW73R0JT 175977-2 2005330-1 ROX05SJ18R 1393431-1 2380312-2 3-1393225-0 TE50BR39J U5254-000005-030PA 1-962915-1 650075-000 917696-1 MPT100C18RF 2377783-2 CPF0402B37K4E1 CRGCQ2010J3K3 1-794222-0 1743455-2