2040002-1 ✔ ACTIVE

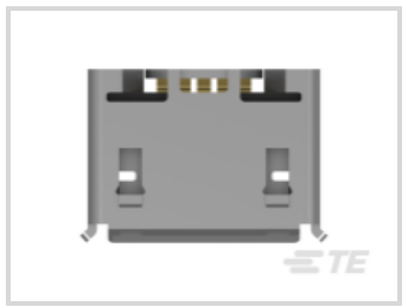
TE Internal #: 2040002-1

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

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	0 mm
Shell Plating Finish	Bright
Shell Plating Material	Reflowed 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	.75 mm[.03 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top
PCB Connector Seating	Offset
PCB Mount Retention Type	Straight Leg
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

Test Identification (TID)	62001336

Moisture Sensitivity Level	1
Industry Standard	USB 2.0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
Packaging Method	Tape & Reel

Product Compliance

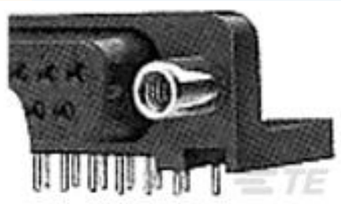
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Reflow solder capable to 245°C

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 # 5788799-1
15 HTMSFL ASSY RA 318 (SL,BL)



TE Part # 1-6609016-1
6ED1C=F7066 S0



TE Part # 3-1879075-0
THS25 33R 5%



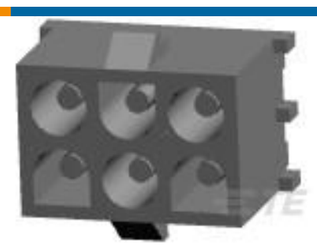
TE Part # 5-146256-1
02 MODII HDR DRST B/A .100CL LF



TE Part # 2-1393237-7
RT334024F



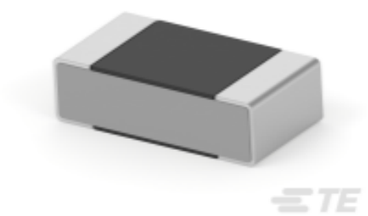
TE Part # 3-1879208-6
CPF 0402 300R 0.1% 25PPM 1K RL



TE Part # 1969814-1
06P UMNL PIN HDR ASSY, PIN V0 GW



TE Part # 2357787-1
16G,05FH,plug,220P,5H HT, W/O CAP



TE Part # 6-1879207-9
RN 0603 511K 0.1% 10PPM 5K RL

Documents

Product Drawings

MICRO USB, TYPE B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2040002-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2040002-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2040002-1_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

5-1773464-3_Quick_Reference_Guide_Micro_USB_Connectors

English

Product Specifications

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese