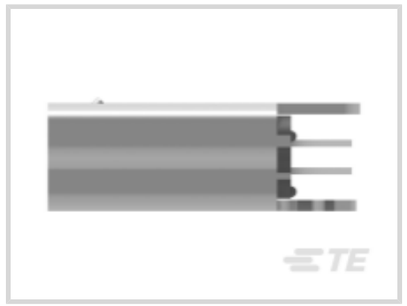
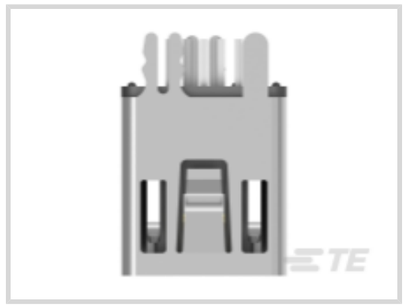
2041517-1 ✔ ACTIVE

TE Internal #: 2041517-1

B, Mini USB, 2.0, Receptacle, 5 Position, Top Mount, 1 Port, Vertical, Tape & Reel, Flush, Through Hole - Solder, Cable-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **B**

USB Version: **2.0**

Connector Profile: **Mini**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

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

Configuration Features

Number of Ports	1
Number of Positions	5

Body Features

Shell Plating Material	Tin
Shell Plating Finish	Bright
Connector Profile	Mini

Contact Features

Contact Mating Area Plating Material	Gold (Au)

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	2 mm[.079 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Locking Feature	With
PCB Mount Location	Top Mount
PCB Connector Seating	Flush
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	PA 9T
Body Orientation	Vertical
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	5000
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Halogen Free	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Moisture Sensitivity Level	1

Packaging Features

Packaging Quantity	1200
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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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

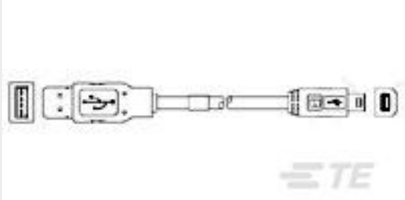
Compatible Parts



TE Part # 1929690-1
USB CABLE, USB A to Mini USB,Blue



TE Part # 1734205-1
MINI USB, TYPE B, PLUG. CABLE-KIT



TE Part # 1496476-1
STD USB-A TO MINI-B ASSY, 1M

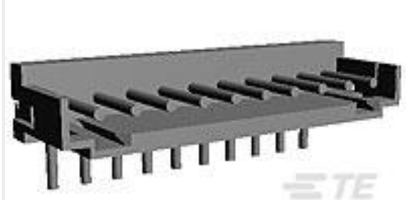
Customers Also Bought



TE Part #5-87589-2
12 MODII HDR DRST SHRD .100CL



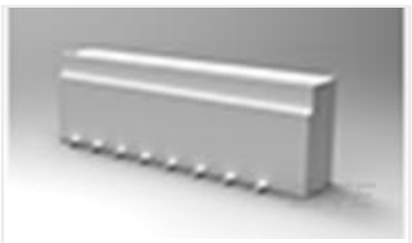
TE Part #6-146256-2
24 MODII HDR DRST B/A .100CL LF



TE Part #292168-2
CT P/HDR ASSY 2P H W/O KINK TU



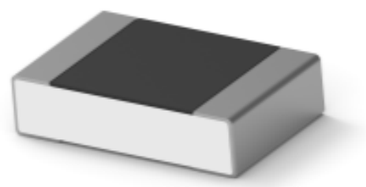
TE Part #3-647168-4
04P MTA100 HDR ASSY SM 30AU LF



TE Part #1-1735042-0
1MM FFC SMT V ASSY 10P EMBOSS



TE Part #1879214-2
CPF 0402 332R 0.1% 25PPM 1K RL



TE Part #2-2176378-5
RQ 0805 17R8 0.1% 10PPM 5K RL



TE Part #2180490-1
IMP,PWR,4PR,HDR,R-HLD,1X,802-1,N/A



TE Part #2337992-3
RJ45 JACK MAG. POE 10/100 LED 1X1 INV.

TE Part #10209285-00
RTD,CUST,P2100,385,.5%,.50D

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2041517-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2041517-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2041517-1_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English