5787617-6 ✔ ACTIVE

TE Internal #: 5787617-6

A, Standard USB, 2.0, Receptacle, 8 Position, Top Mount, 2 Port, Right Angle, Box & Tray / Tray, Through Hole - Solder, Cable-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **A**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **2**

Features

Product Type Features

USB Type	A
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	2
Number of Positions	8

Body Features

Shell Plating Material	Tin
Shell Plating Finish	Bright
Connector Profile	Standard

Contact Features

Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	2.84 mm[.112 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top Mount
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Natural
Housing Material	Thermoplastic
Body Orientation	Right Angle
Centerline (Pitch)	2 mm, 2.5 mm[.078 in][.098 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	1500
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	88
Packaging Method	Box & Tray, Tray

Product Compliance

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

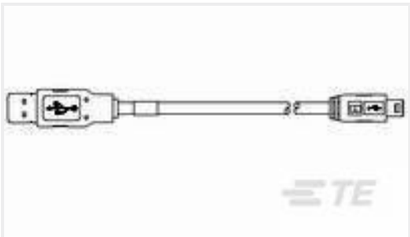
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250)

	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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



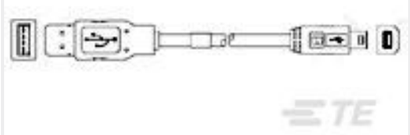
TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



TE Part # 1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part # 1-1734028-3
Std USB, Type A, Plug



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



TE Part # 1487593-1
USB, A-BLUNT,28/24,WHT,2.0M



TE Part # 1487600-1
USB, A-BLUNT,28/26,BLK,1.0M



TE Part # 1734028-1
Std USB Type A, Plug, Natural



TE Part # 1-1734028-1
Std USB, Type A, Plug, Natural

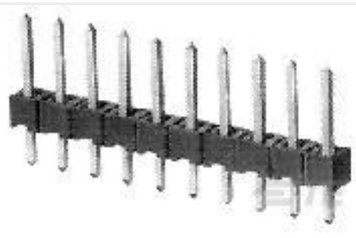


TE Part # 1487599-1
USB, A-BLUNT,28/28,BLK,0.83M

Customers Also Bought



TE Part #5-146132-1
03 MODII HDR SR SFMNT B/A .100



TE Part #826629-8
AMPMODU II HEADER



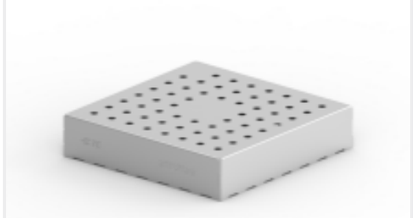
TE Part #1734035-1
MINI USB, TYPE B, R/A, SMT



TE Part #2-1879338-9
CPF 0603 52K3 1% 50PPM 1K RL



TE Part #2015357-3
C/A, UMCC/UMCC, 1.37 OD CABLE, 100MM LON



TE Part #2118712-2
1 PC STD SHIELD, CRS-44.37X44.37X9.75MM



TE Part #2822541-1
PUSH-PUSH MICRO SIM CONNECTOR



TE Part #5103308-1
A/L LOW PRO HDR 10P VERT BLACK



TE Part #3-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes



TE Part #2-767004-2
MICT,RECPT,038,ASSY,.025,REC

Documents

Product Drawings

RECP ASSY, R/A, STACKED, THRU-HOLE, USB,

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787617-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787617-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787617-6_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English