



TE Internal #: 5787834-1

USB Connectors, B, 2.0, Standard Profile, Receptacle, 1 Port, Top, Vertical, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board, 1500

[View on TE.com >](#)

Connectors > Audio & Video Connectors > USB Connectors



USB Connector Type: **B**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

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

Configuration Features

Number of Ports	1
Number of Positions	4

Body Features

Offset	0 mm
Shell Plating Finish	Bright



Connector Profile	Standard
Shell Plating Material	Tin

Contact Features

Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Mating Area Plating Thickness	.76 µm[29.92 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

Locking Feature	With
Locating Posts	Without
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount

Housing Features

Body Orientation	Vertical
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Tail Length	3.01 mm[.118 in]
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

Halogen Free	No
Circuit Application	Signal

Industry Standards

Test Identification (TID)	60000281
---------------------------	----------



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

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	144

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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

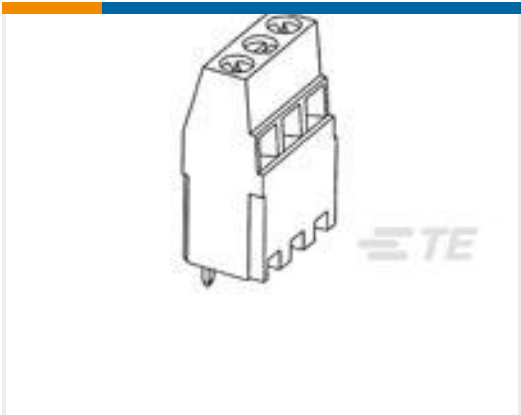
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Customers Also Bought





TE Part #6-2176251-8
CRGS2010 5% 390K



TE Part #1-282901-2
TERM-BLK PCB MT 2ND 12P.5.08,



TE Part #2-284047-9
Vertical Plug, RH, 5.08mm, Gn,



TE Part #2-284065-8
TERMI-BLOK HDR 180, 5,08MM P.M



TE Part #3-284047-5
Vertical Plug, RH, 5.08mm, Gn,




TE Part #5174711-5
BOTTOM ENTRY B-B CONN.2.0 V-POST



TE Part #3-284047-6
Vertical Plug, RH, 5.08mm, Gn,



TE Part #T4183000804-100
PN-507932_M12 SOCKET, 4PIN



TE Part #5-1571433-1
10P DR R/A HDR ASSY,EUROCARD

Documents

Product Drawings

STD USB TYPE B, VERTICAL, T/H

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787834-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787834-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787834-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages



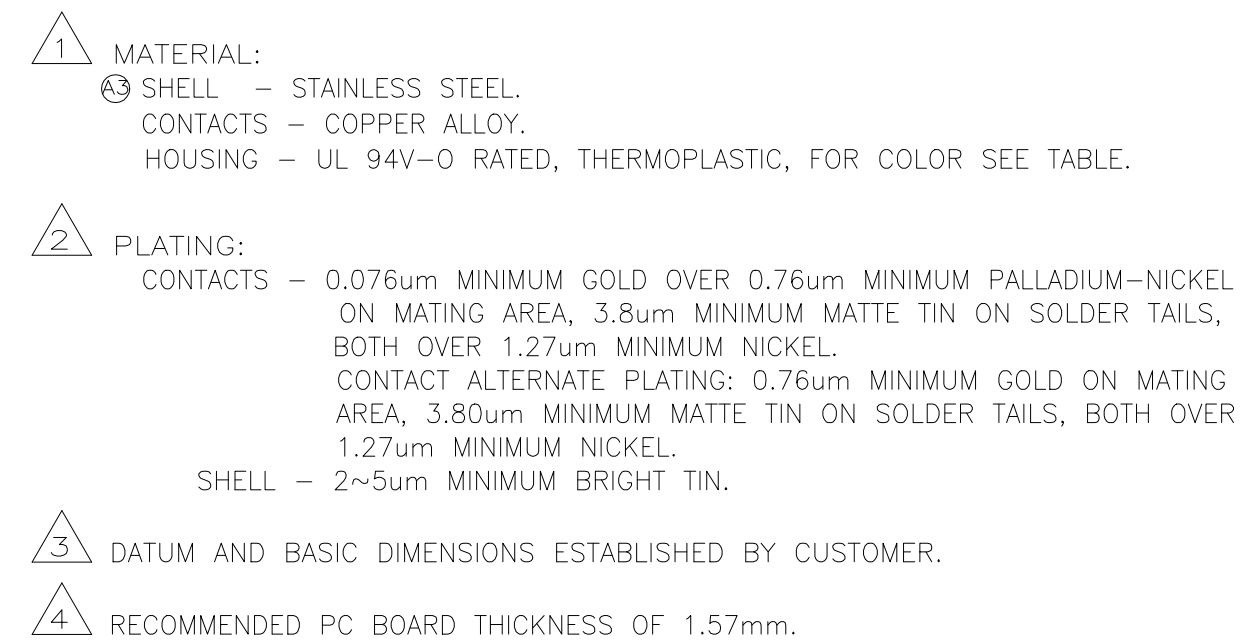
USB and Mini USB Datasheet 7-1773442-0





English

Product Specifications

Application Specification

English

TE Connectivity

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Ivanov Wang 28MAY2004		VERSION		COLOR		NUMBER	
		CHK Steven Yao 28MAY2004		 TE Connectivity					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD Takatori Sasaki 28MAY2004		NAME			
		0 PLC ± - 1 PLC ± 0.1 2 PLC ± 0.05 3 PLC ± 0.013 4 PLC ± - ANGLES ± -		PRODUCT SPEC —		RECEPTACLE ASSY, 4 POS. VERTICAL, THRU-HOLE, TYPE B UNIVERSAL SERIAL BUS			
MATERIAL		FINISH		APPLICATION SPEC —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				WEIGHT —		A2	00779	G=5787834	—
CUSTOMER DRAWING							SCALE	SHEET	REV
							5:1	1 OF 1	C