

5787834-1 ✓ ACTIVE

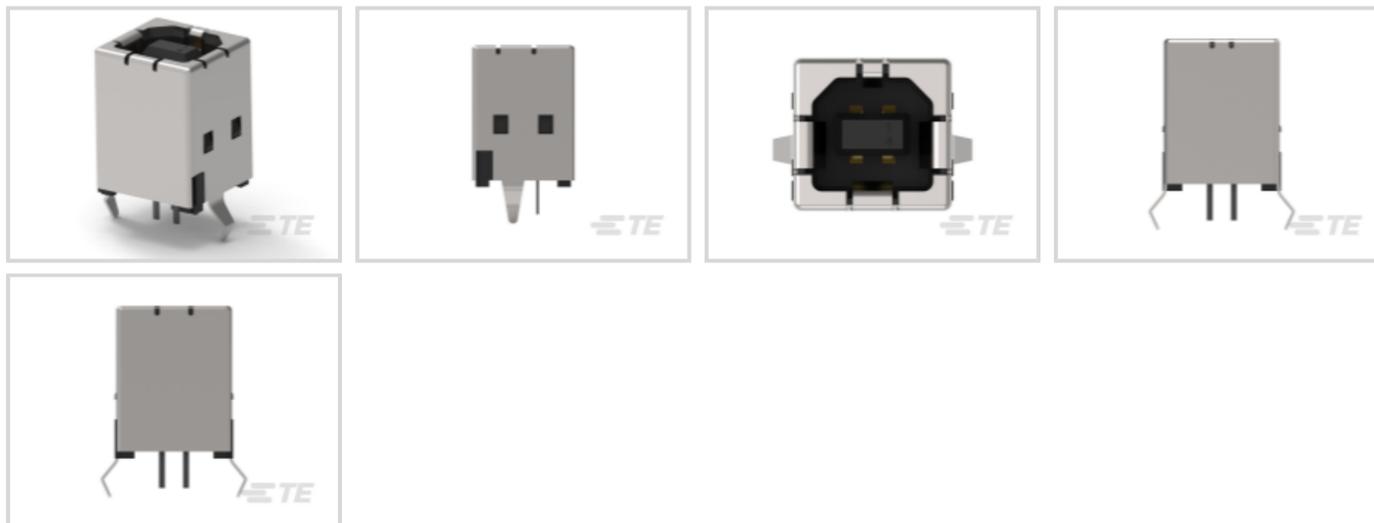
TE Internal #: 5787834-1

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
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Shell Plating Material	Tin
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Contact Features

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

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

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

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

Tail Length	3.01 mm[.118 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Soldering Temperature (Max)	260 $^{\circ}\text{C}$ [500 $^{\circ}\text{F}$]
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Mating Cycles (Max)	1500
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Operating Temperature Range	-55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$]
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Operation/Application

Halogen Free	No
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Circuit Application	Signal
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Industry Standards

Test Identification (TID)	60000281
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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

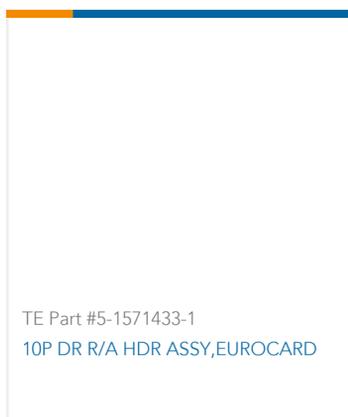
[For compliance documentation, visit the product page on TE.com>](#)

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



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

4

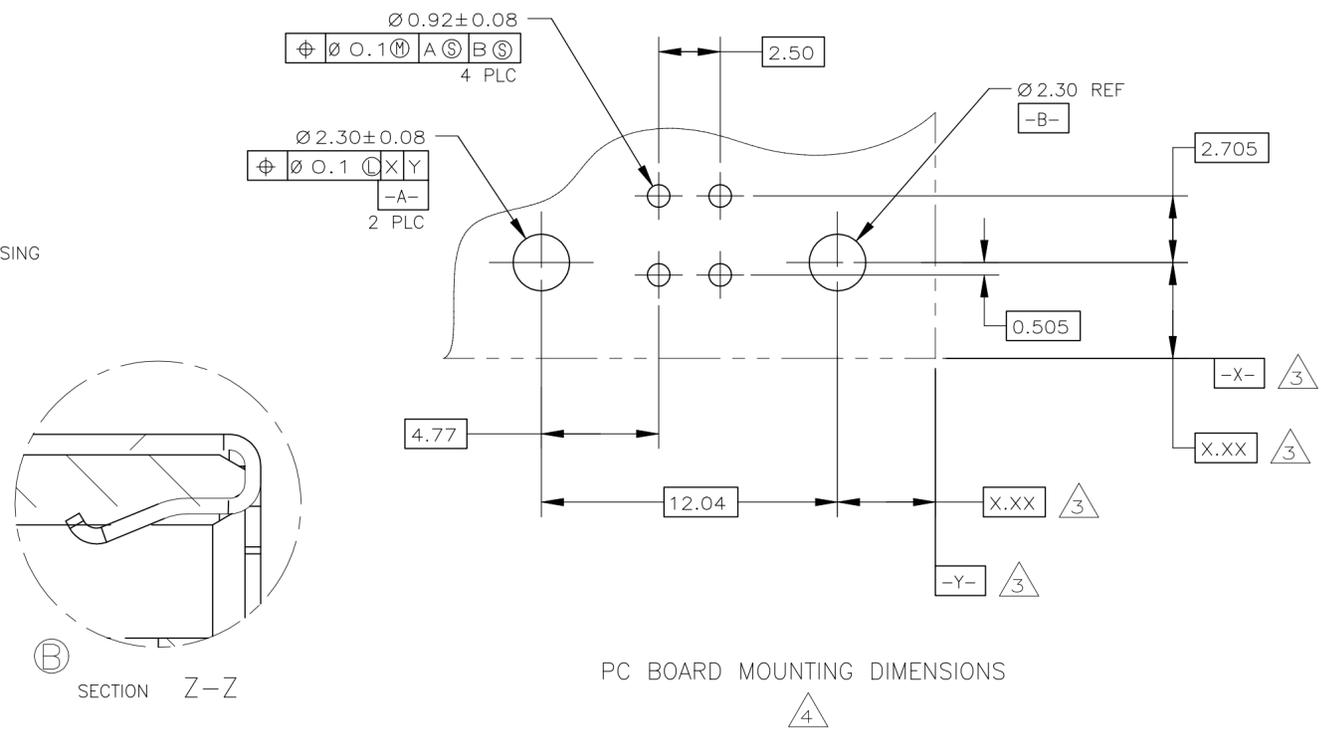
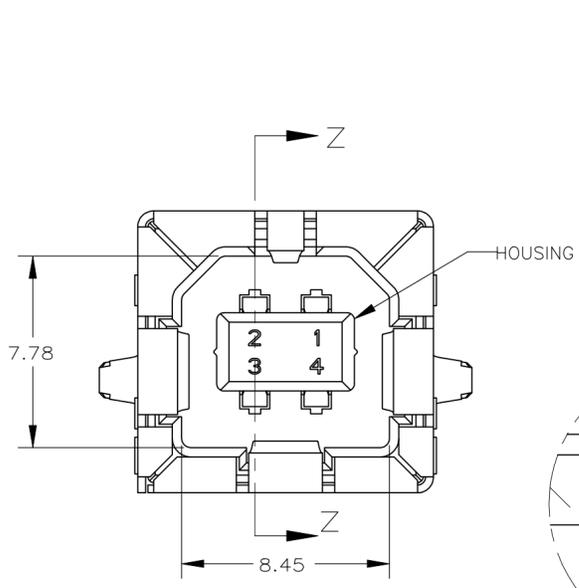
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2

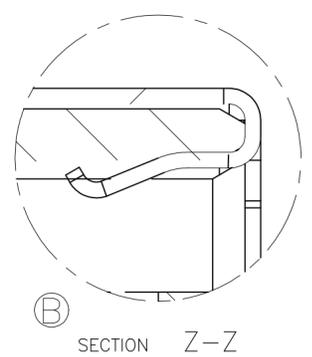
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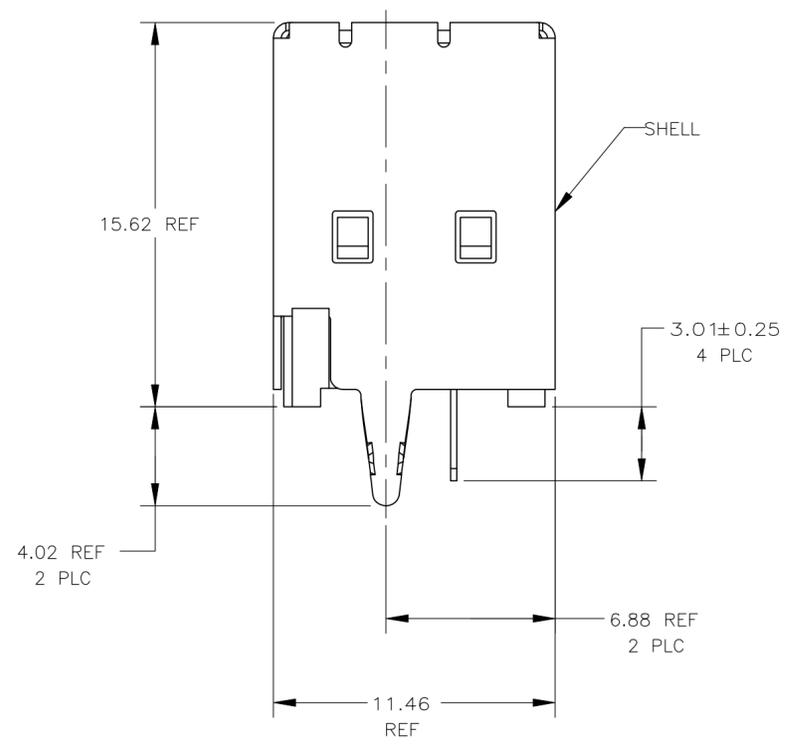
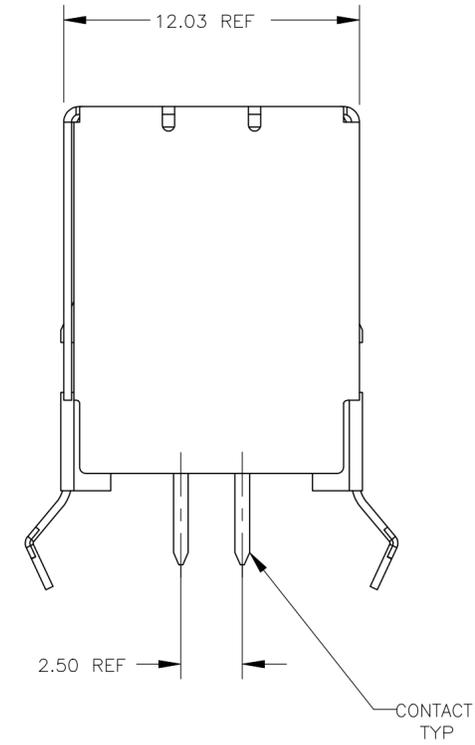
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	C	REVISED PER ECR-19-008004	22MAY2019	T.Z	S.L		



LEAD FREE



PC BOARD MOUNTING DIMENSIONS



- 1 MATERIAL:
 1 SHELL - STAINLESS STEEL.
 CONTACTS - COPPER ALLOY.
 HOUSING - UL 94V-0 RATED, THERMOPLASTIC, FOR COLOR SEE TABLE.
- 2 PLATING:
 CONTACTS - 0.076um MINIMUM GOLD OVER 0.76um MINIMUM PALLADIUM-NICKEL ON MATING AREA, 3.8um MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27um MINIMUM NICKEL.
 CONTACT ALTERNATE PLATING: 0.76um MINIMUM GOLD ON MATING AREA, 3.80um MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27um MINIMUM NICKEL.
 SHELL - 2~5um MINIMUM BRIGHT TIN.
- 3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4 RECOMMENDED PC BOARD THICKNESS OF 1.57mm.

C	NATURAL	5787834-2
C	BLACK	5787834-1
PART VERSION	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	28MAY2004	TE Connectivity RECEPTACLE ASSY, 4 POS. VERTICAL, THRU-HOLE, TYPE B UNIVERSAL SERIAL BUS
		CHK	28MAY2004	
		APVD	28MAY2004	
		NAME	Takinori Sasaki	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPLICATION SPEC		
mm		PRODUCT SPEC		
	0 PLC ± -	WEIGHT		
	1 PLC ± 0.1	SCALE		
	2 PLC ± 0.05	SHEET		
	3 PLC ± 0.013	REV		
	4 PLC ± -	CUSTOMER DRAWING		
	ANGLES ± -	5:1		
MATERIAL	FINISH	1 of 1		
-1	-2	REV C		

5787834