

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

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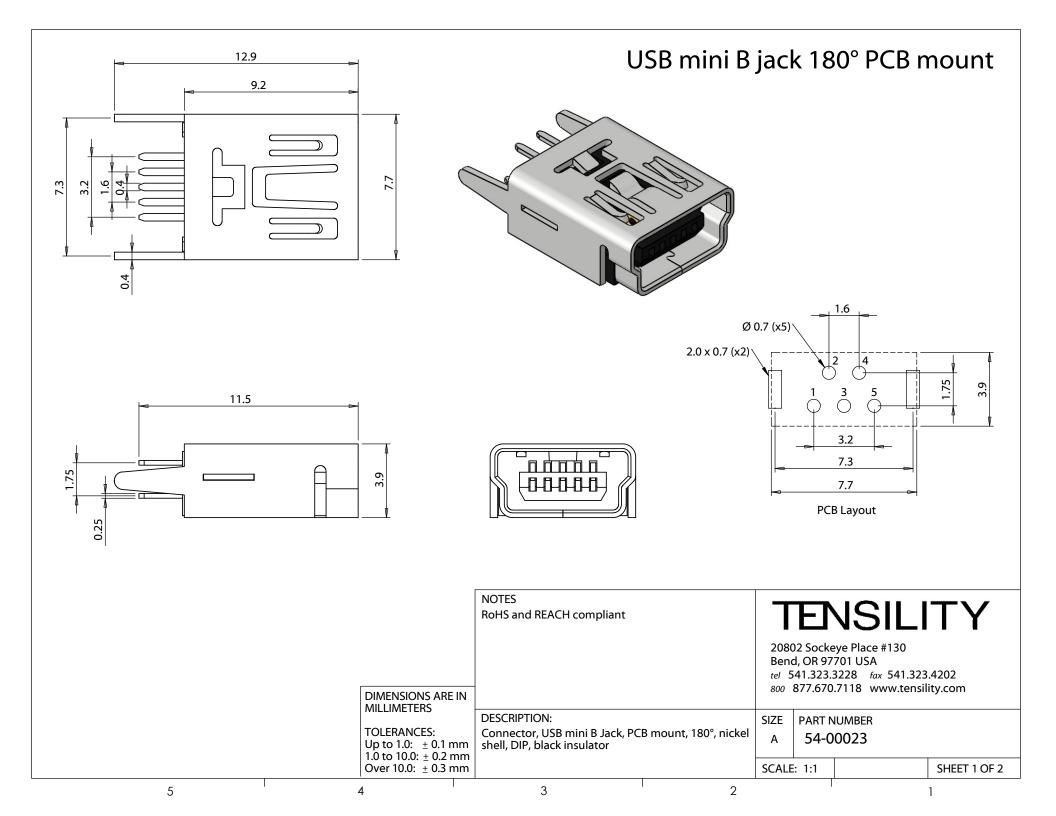
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









#### Materials

- 1. Shell, phosphor bronze, nickel plated
- 2. Pins, phosphor bronze, 5  $\mu$ " gold and tin plating
- 3. Insulator, Nylon 46, black

### Electrical

Rated voltage: 30 Vdc Rated current: 2 A

Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 M $\Omega$  @ 500 Vdc Contact resistance: 50 m $\Omega$  or less

### Mechanical

Insertion force: 3.5 kgf maximum Withdrawal force: 0.7 kgf minimum

Durability: 5000 cycle minimum life; less than 100 m $\Omega$  contact resistance, minimum 50 M $\Omega$  insulation

resistance

Terminal strength: 0.3 kgf in any direction for 15 seconds without damage or looseness

## Soldering

Solderability: 75% minimum coverage when terminals dipped 2 mm in 255 ±5 °C solder bath for 3 ±0.5 seconds

Solder bath durability: no deformation when immersed in 260 ±5 °C up to surface of the board for 10 seconds

or less

Solder iron durability: no deformation when exposed to  $350 \pm 10$  °C for  $3 \pm 0.5$  seconds

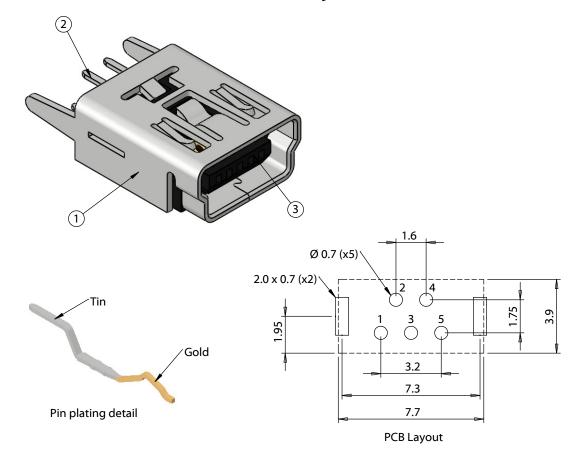
### Environmental

Cold test:  $-25 \pm 3$  °C for 48 hours without deformation Heat test:  $70 \pm 2$  °C for 48 hours without deformation Humidity test:  $40 \pm 2$  °C and humidity between 90 and 98 % for 48 hours without deformation

## Operating range

-10 ~ 60°C

# USB mini B jack 180° PCB mount



REVISION		DESCRIPTION	PREPARED: 2015.10.01			TENSILITY			
Α	9/28/2015	Initial release							
			VERIFIED:		1	20802 Sockeye Place #130			
			GL 2015.10.02 10:58:15 -07'00'		<b>I</b>	nd, OR 97 541.323.	3.4202		
			DIMENSIONS ARE IN	-	<b>I</b>	800 877.670.7118 www.tensility.com			
				,,,					
			TOLERANGES			SIZE PART NUMBER A 54-00023			
			TOLERANCES: - Up to 1.0: ± 0.1 mm						
			1.0 to 10.0: ± 0.2 mm Over 10.0: ± 0.3 mm			.E: 1:1		SHEET 2 OF 2	