

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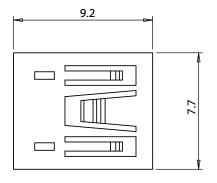
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

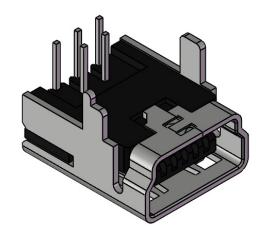


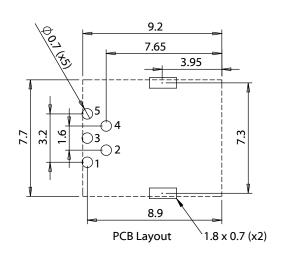


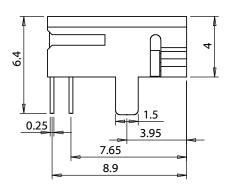


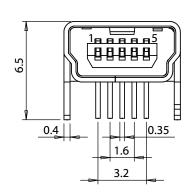
USB mini B jack 90° PCB mount

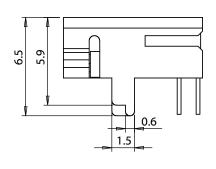












DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:

Up to 1.0: ± 0.1 mm 1.0 to 10.0: ± 0.2 mm Over 10.0: ± 0.3 mm

NOTES RoHS and REACH compliant

DESCRIPTION:

Connector, USB mini B Jack, PCB mount, 90°, DIP, black insulator

TENSILITY

20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202

800 877.670.7118 www.tensility.com

SIZE PART NUMBER 54-00027

SCALE: 1:1

SHEET 1 OF 2

5 3 2

Materials

- 1. Shell, phosphor bronze, nickel plated
- 2. Pins, phosphor bronze, 5 μ" 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 MΩ @ 500 Vdc Contact resistance: 50 mΩ or less

Mechanical

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

Durability: 5000 cycle minimum life; less than 100 mΩ contact resistance, minimum 50 MΩ insulation

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

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

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

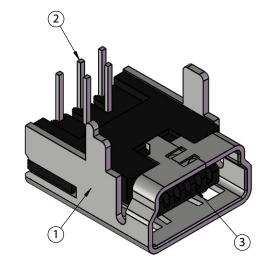
Environmental

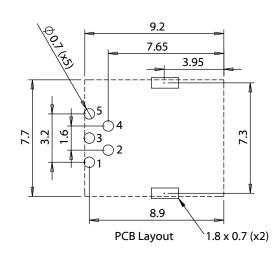
Cold test: -25 ±3 °C for 48 hours without deformation Heat test: 70 ±2 °C for 48 hours without deformation Humidity test: 40 ±2 °C and humidity between 90 and 98 % for 48 hours without deformation

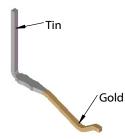
Operating range

-10 ~ 60°C

USB mini B jack 90° PCB mount







Pin	n	lating	detail
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REVISION	DATE	DESCRIPTION	PREPARED: 2016.02.16	NOTES		_	_		T \/	
А	9/28/2015	Initial release	GL 10:56:48 -08'00'	RoHS and REACH compliant		TENSILITY				
A1	2/16/2016	Corrected part description	VERIFIED: Digitally signed by I.A Dix cn-I.A, a-Tendilly, out-Engineering, out-Guidout fendilly, com,			20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com				
			DIMENSIONS ARE IN MILLIMETERS			800	800 877.070.7118 www.tensiity.com			
			TOLERANCES: Up to 1.0: ± 0.1 mm	DESCRIPTION:	SIZE	SIZE PART NUMBER A 54-00027				
					Α					
			1.0 to 10.0: ± 0.2 mm Over 10.0: ± 0.3 mm			SCALE: 1:1			SHEET 2 OF 2	