# imall

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.

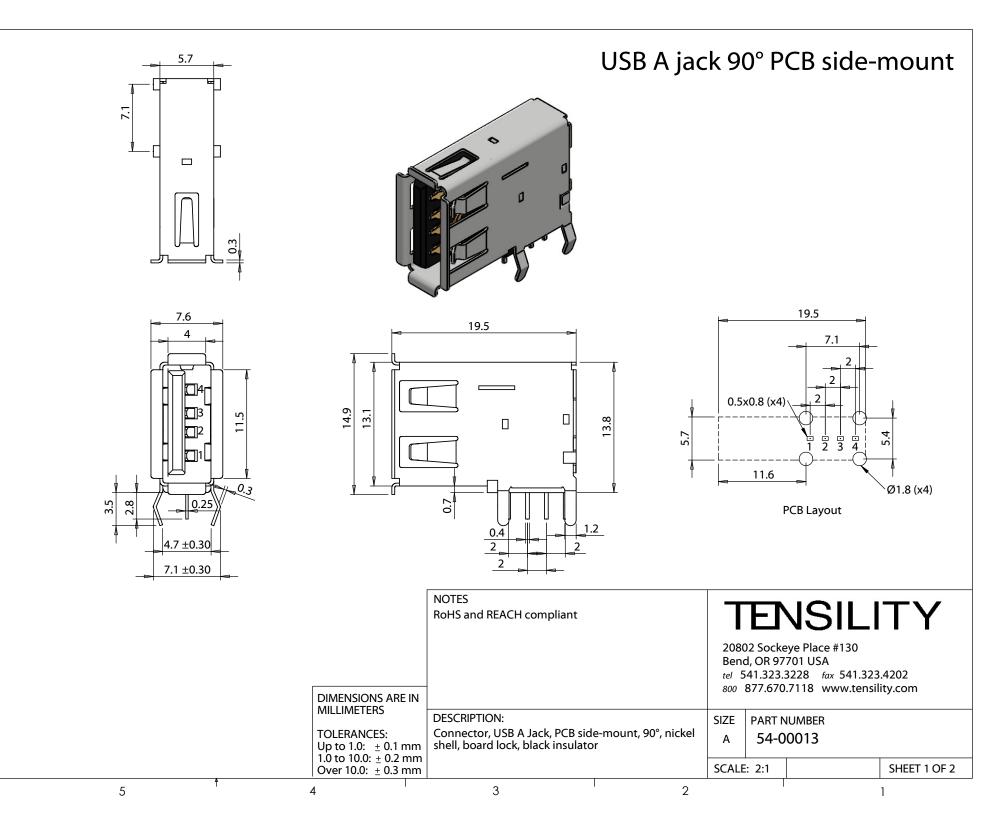
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### Materials

- 1. Shell, steel, nickel plated
- 2. Pins, brass, 5  $\mu$ " gold and tin plating
- 3. Insulator, PBT, black

#### Electrical

Rated voltage: 30 Vdc Rated current: 3 A Dielectric strength: 1 min @ 500 Vac Insulation resistance: 500 MΩ @ 500 Vdc Contact resistance: 50 m $\Omega$  or less

#### Mechanical

Insertion force: 3.5 kgf maximum Withdrawal force: 1.0 kgf minimum Durability: 1500 cycle minimum life; less than 100 mΩ contact resistance, minimum 100 MΩ insulation resistance Terminal strength: 0.3 kgf in any direction without

(3)

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VERIFIED:

damage or looseness

#### Solderina

- Solderability: 75% minimum coverage when terminals dipped 2 mm in 245 ±5 °C solder bath for 3 ±0.5 seconds
- Solder bath durability: no deformation when immersed in 255 ±5 °C up to surface of the board for 5 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

DESCRIPTION

Initial release

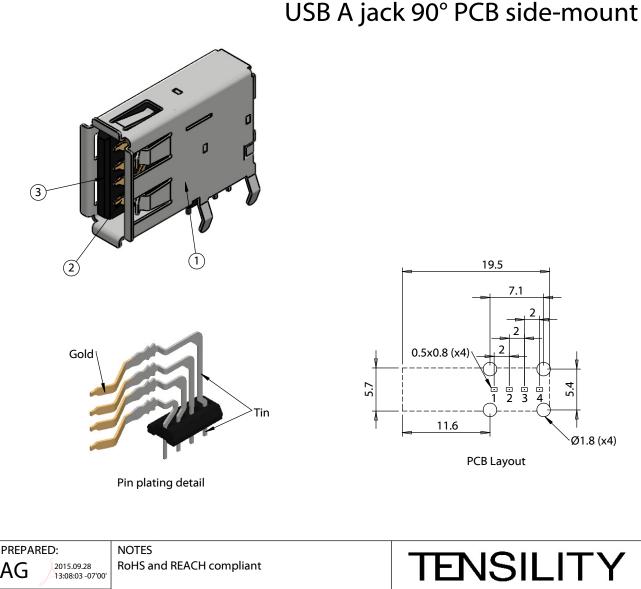
### **Operating range**

 $-10 \sim 60^{\circ}C$ 

REVISION DATE

9/4/2015

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20802 Sockeye Place #130 Pond OP 07701 USA

<b>JM</b> 2015.10.01 10:06:04 -07'00'				Bend, OK 97701 USA   tel 541.323.3228 fax 541.323.4202   800 877.670.7118 www.tensility.com			
DIMENSIONS ARE IN MILLIMETERS							
TOLERANCES:	DESCRIPTION: Connector, USB A Jack, PCB side-mount, 90°, nickel shell, board lock, black insulator		SIZE A	PART NUMBER 54-00013			
1.0 to 10.0: <u>+</u> 0.2 mm Over 10.0: <u>+</u> 0.3 mm			SCALE	E: 2:1		SHEET 2 OF 2	
4	3	2			•	1	

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