

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







USB mini B jack 180° PCB mount 12.3 9.2 10.2 8.4 Ø 0.7 (x5) Ø 2.0 (x2) 11.5 Q. 3.2 7.7 8.4 **PCB** Layout NOTES TENSILITY RoHS and REACH compliant 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** DESCRIPTION: SIZE PART NUMBER Connector, USB mini B Jack, PCB mount, 180°, nickel shell, DIP, board lock, black insulator **TOLERANCES:** 54-00025 Up to 1.0: ± 0.1 mm 1.0 to 10.0: ± 0.2 mm Over 10.0: ± 0.3 mm SCALE: 5:1 SHEET 1 OF 2

5 4 2

Materials

- 1. Shell, phosphor bronze, nickel plated
- 2. Pins, phosphor bronze, 5 µm 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 Ω @ 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 m Ω contact resistance. minimum 50 MΩ insulation

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

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

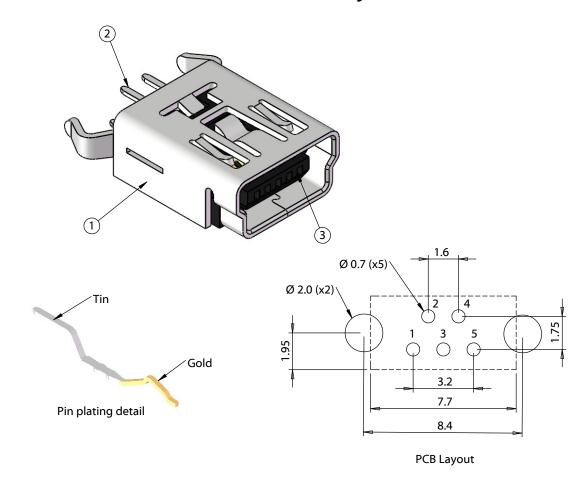
Environmental

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 180° PCB mount



REVISION A	DATE 9/28/2015	DESCRIPTION Initial release	PREPARED: 2015.10.09 10:10:16 -07'00'	NOTES RoHS and REACH compliant		TENSILITY			
			VERIFIED: GL 2015.10.09 12:04:13 -07'00' 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	DESCRIPTION: Connector, USB mini B Jack, PC shell, DIP, board lock, black insu	B mount, 180°, nickel ulator	Beno tel 5 800	54-00025		
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