

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





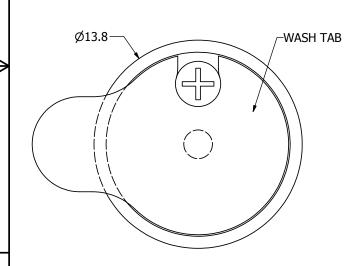


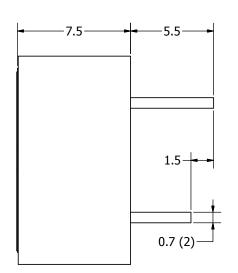
SPECIFICATIONS				
PARAMETERS	VALUES	UNITS		
RATED VOLTAGE	12	Vdc		
OPERATING VOLTAGE RANGE	3 ~ 16	Vdc		
RATED CURRENT (MAX)	7	mA		
MINIMUM SPL @ 10 CM	80	dBA		
RESONANT FREQUENCY	4,000 ± 500	Hz		
TONE OR PULSE RATE	CONTINUOUS	0 pulse /second		
OPERATING TEMPERATURE	-20 ~ +70	°C		
STORAGE TEMPERATURE	-30 ~ +80	°C		
HOUSING MATERIAL	NORYL	-		
TERMINAL MATERIAL	Sn PLATED			
I ERIVIINAL IVIA I ERIAL	RED COPPER	_		
WEIGHT	1	grams		

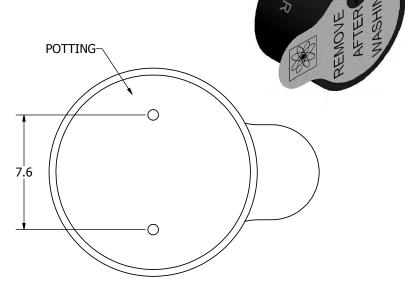
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	REVISION HISTORY		
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	8/19/2004	
Α	REVISED ROHS STATEMENT	5/27/2005	B.R.
В	REVISED DIMENSION SIZE AND STYLE	11/28/2005	B.R.
С	REVISED TERMINAL MATERIAL	3/20/2006	B.R.
D	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	10/9/2007	B.R.







## NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL WITHOUT NOTICE.
- 3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

UNLESS OTHERWISE SPECIFIED:	0175
DIMENSIONS ARE IN MILLIMETERS,	SIZE
TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	A3
ΔΙ_1440_Τ\Λ/Τ	-12\/_R idw

J.D.	8/19/2004	
	pul.	
	a projects unlimited co	nc

Date

Designed by

Checked by	Date	Approved by	Date	Drawn Date		
		R.W.	8/20/2004	10/9/2007		
AT-1440-TWT-12V-R						

Indicator Edition Sheet
- 1/1