

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

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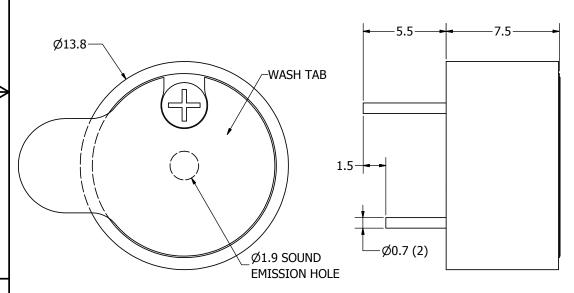


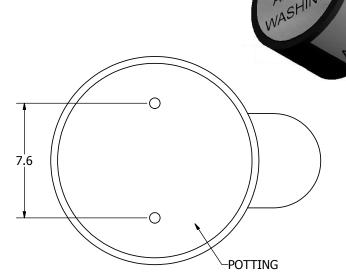
SPECIFICATIONS			
PARAMETERS	VALUES	UNITS	
RATED VOLTAGE	12	Vdc	
OPERATING VOLTAGE RANGE	3 ~ 18	Vdc	
RATED CURRENT (MAX)	7	mA	
MINIMUM SPL @ 10 CM	80	dBA	
RESONANT FREQUENCY	3,300 ± 300	Hz	
TONE OR PULSE RATE	CONTINUOUS	0 pulse /sec	
OPERATING TEMPERATURE	-20 ~ +70	°C	
STORAGE TEMPERATURE	-30 ~ +80	°C	
HOUSING MATERIAL	NORYL	-	
TERMINAL MATERIAL	Sn PLATED	_	
TERMINAL MATERIAL	RED COPPER	_	
WEIGHT	1	grams	

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	REVISION HISTORY		
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	11/08/2005	
Α	REVISED PIN LENGTH DIMENSION	11/15/2007	R.W.
В	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	11/15/2007	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:		Designed by
DIMENSIONS ARE IN	SIZE	J.A.F.
MILLIMETERS,		$\infty$
TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	<b>A</b> 3	
AI-1433-TWT-R.idw		

J.A.F.	11/8/2005	B.
	pul.	
	a projects unlimited co	

Checked by	Date	Approved by	Date	Drawn Date	
B.R.	11/9/2005	E.P.	11/9/2005	11/15/2007	
AI-1433-TWT-R					

Indicator Edition Sheet 1/1