

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





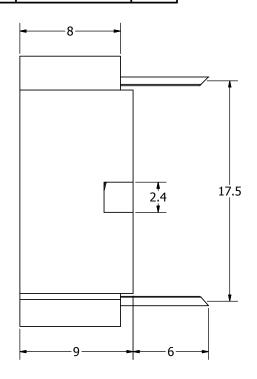


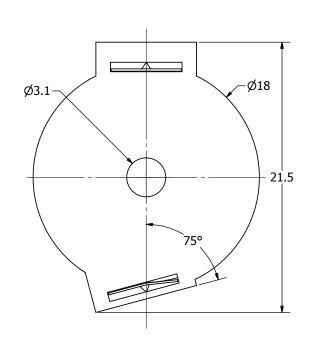
SPECIFICATIONS				
PARAMETERS	VALUES	UNITS		
RATED VOLTAGE	10	Vp-p		
OPERATING VOLTAGE RANGE	1 ~ 30	Vp-p		
RATED CURRENT (MAX)	3.5	mA		
CAPACITANCE	13,000 ± 30%	pF		
MINIMUM SPL @ 10 CM	88	dBA		
RESONANT FREQUENCY	3,000 ± 500	Hz		
OPERATING TEMPERATURE	-20 ~ +60	°C		
STORAGE TEMPERATURE	-30 ~ +70	°C		
HOUSING MATERIAL	ABS	-		
TERMINAL MATERIAL	Sn PLATED PHOSPHER BRONZE	-		
WEIGHT	2	grams		

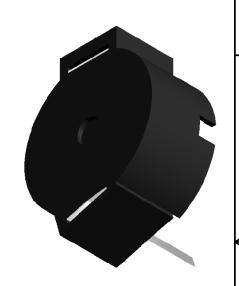
THIS DOCUMENT CONTAINS DATA PROPRIETARY TO PROJECTS UNLIMITED, INC. ANY USE OR REPRODUCTION, IN ANY FORM, WITHOUT PRIOR WRITTEN PERMISSION OF PROJECTS UNLIMITED, INC. 1S PROHIBITED.

©2003, Projects Unlimited Inc.

REVISION HISTORY						
LTR	DESCRIPTION	DATE	APPROVED			
-	RELEASED FROM ENGINEERING	5/9/2006				
Α	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	8/6/2008	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°.	A 3	
AT-1830-7	T-R.idw	

J.D.	5/9/2006	Е	3.R.
00	nu II		
	pul,		
	<i>i</i> audic) _{Inc}	-
TX	a projects unlimited co		

Date

Designed by

Checked by

 Date
 Approved by
 Date
 Drawn Date

 5/9/2006
 B.R.
 5/9/2006
 8/5/2008

 $\begin{array}{c|c} AT\text{-}1830\text{-}TT\text{-}R \\ \hline Transducer (Piezo) & \tiny \begin{array}{c|c} Edition \\ \hline - \\ \hline \end{array} & \tiny \begin{array}{c|c} Sheet \\ \hline 1/1 \\ \hline \end{array}$

4