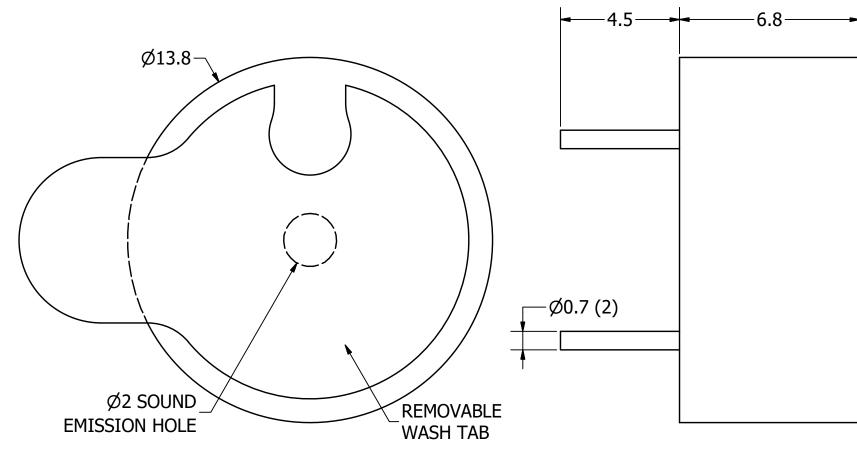
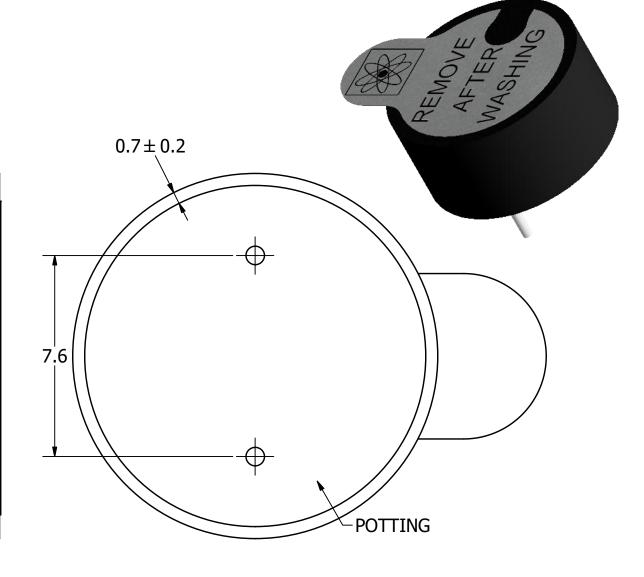
SPECIFICATIONS						
PARAMETERS	VALUES	UNITS				
RATED VOLTAGE	5	Vp-p				
OPERATING VOLTAGE RANGE	1 ~ 20	Vp-p				
RATED CURRENT (MAX)	1	mA				
CAPACITANCE	13,000 ± 30%	pF				
MINIMUM SPL @ 10 CM	80	dBA				
RESONANT FREQUENCY	$3,800 \pm 300$	Hz				
OPERATING TEMPERATURE	-40 ~ +70	°C				
STORAGE TEMPERATURE	-40 ~ +85	°C				
HOUSING MATERIAL	NORYL	-				
TERMINAL MATERIAL	Sn PLATED RED COPPER	-				
WEIGHT	1	grams				

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REVISION HISTORY						
LTR	DESCRIPTION	DATE	APPROVED			
-	RELEASED FROM ENGINEERING	8/17/2004				
Α	REMOVED LEAD FREE ADDE RoHS NOTE	8/10/2005				
В	REVISED TERMINAL MATERIAL	1/24/2006	B.R.			
С	REVISED HOUSING MATERIAL	11/13/2006	B.R.			
D	ADDED LABEL & POLARITY MARKING	11/22/2006	B.R.			
Е	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	4/16/2008	B.R.			
F	REVISED TO REMOVE POLARITY & UPDATED ROHS STATEMENT	3/2/2017	M.V.			
G	ADDED WAVE SOLDER NOTE	1/25/2019	M.L.			
Н	REVISED TEMPERATURE SPECIFICATIONS AND FREQUENCY TOLERANCE	2/27/2020	M.V.			





## **NOTES:**

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL WITHOUT NOTICE.
- 3. THIS PART IS RoHS 2011/65/EU COMPLIANT.
- 4. WAVE SOLDER ACCEPTABLE.

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN MILLIMETERS,	SIZE
TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	A3
AT-1438-T\	WT-R.idw

Designed by	Date	Checked by	Date	Approved by	Date		rawn Date	
R.A.C.	8/17/2004			R.W.	8/17/20	04 4	/16/2008	
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