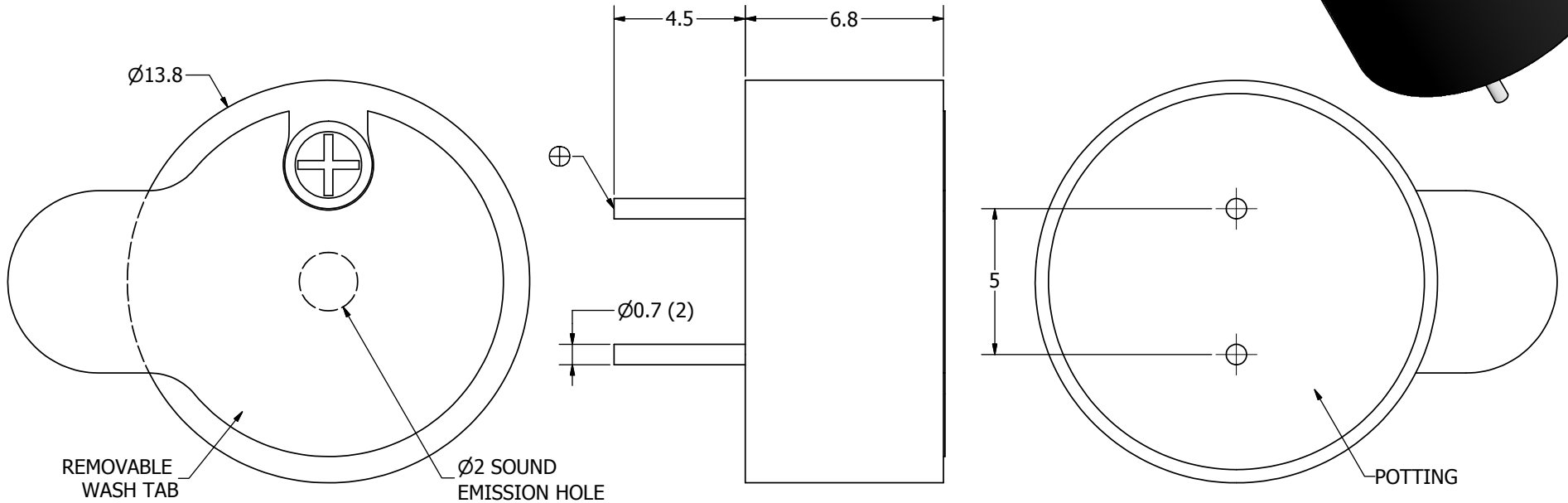
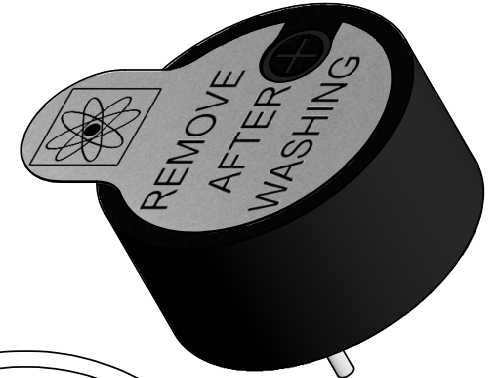


SPECIFICATIONS		
PARAMETERS	VALUES	UNIT
RATED VOLTAGE	5	Vp-p
OPERATING VOLTAGE RANGE	1 ~ 20	Vp-p
RATED CURRENT (MAX)	1	mA
CAPACITANCE	13,000 ± 30%	pF
MINIMUM SPL @ 10 CM	80	dBa
RESONANT FREQUENCY	3,800 ± 500	Hz
OPERATING TEMPERATURE	-30 ~ +80	°C
STORAGE TEMPERATURE	-30 ~ +80	°C
HOUSING MATERIAL	NORYL	-
TERMINAL MATERIAL	Sn PLATED RED COPPER	-
WEIGHT	1	grams

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REVISION HISTORY			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	12/08/2006	
A	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	4/16/2008	B.R.



NOTES:

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

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	SIZE A3	Designed by	Date	Checked by	Date	Approved by	Date	Drawn Date	
		J.D.	12/8/2006	D.F.	12/8/2006	R.W.	12/8/2006	4/16/2008	
AT-1438-TWT-2-R.idw						AT-1438-TWT-2-R Transducer (Piezo)		Edition -	Sheet 1 / 1