

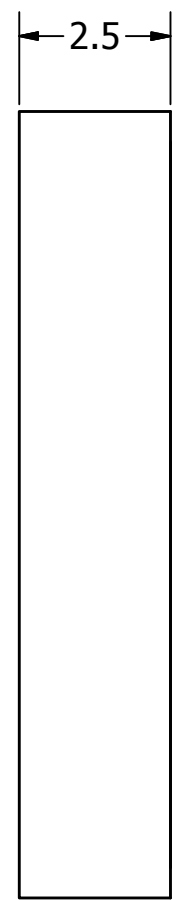
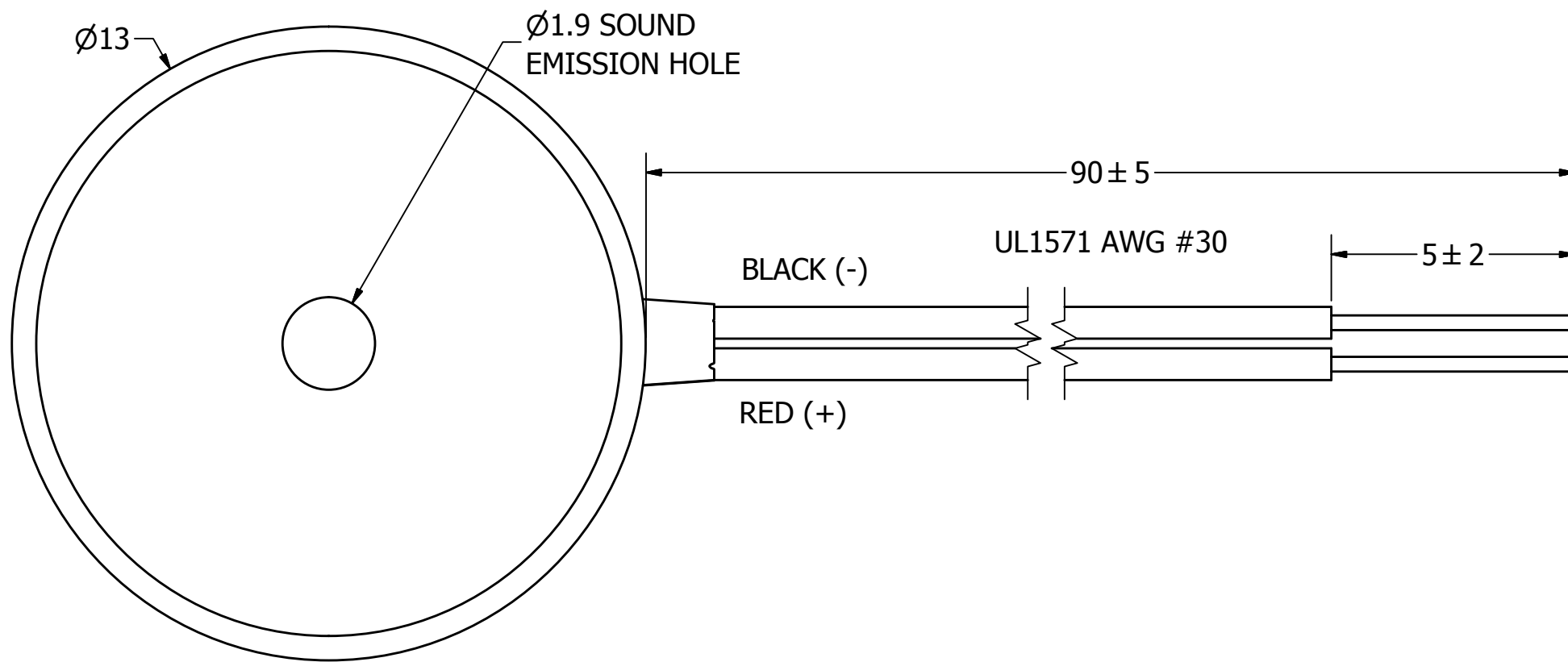
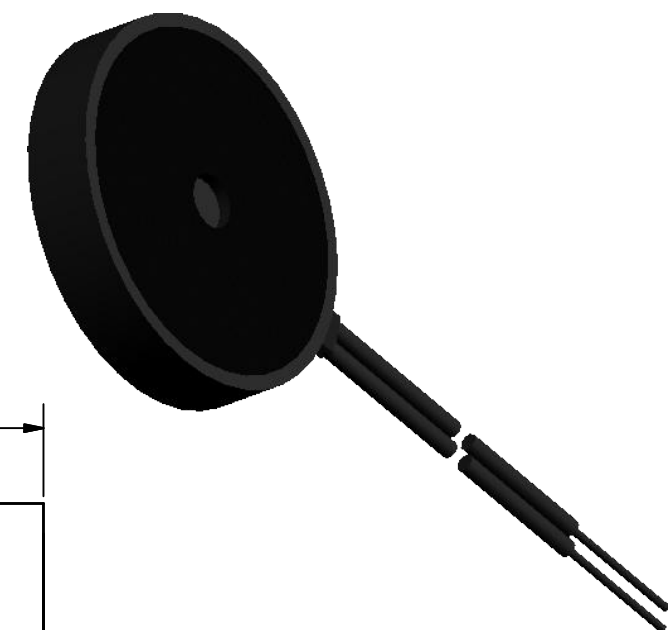
# SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	10	Vp-p
OPERATING VOLTAGE RANGE	1 ~ 30	Vp-p
RATED CURRENT (MAX)	5	mA
CAPACITANCE	15,000 ± 30%	pF
MINIMUM SPL @ 10 CM	80	dBA
RESONANT FREQUENCY	4,800 ± 500	Hz
OPERATING TEMPERATURE	-20 ~ +70	°C
STORAGE TEMPERATURE	-30 ~ +75	°C
HOUSING MATERIAL	ABS	-
TERMINAL MATERIAL	LEAD WIRES	-
WEIGHT	1	grams

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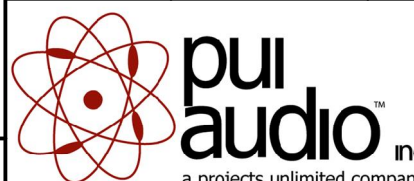
# REVISION HISTORY

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	6/14/2006	
A	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	4/10/2008	B.R.
B	REVISED RoHS STATEMENT	1/6/2017	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.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	SIZE <b>A3</b>	Designed by	Date	Checked by	Date	Approved by	Date	Drawn Date	
		J.D.	6/14/2006	B.R.	6/14/2006	B.R.	6/14/2006	4/10/2008	
AT-1348-TF-LW90-R.idw				<b>AT-1348-TF-LW90-R</b> Transducer (Piezo)				Edition	Sheet
								-	1 / 1

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