

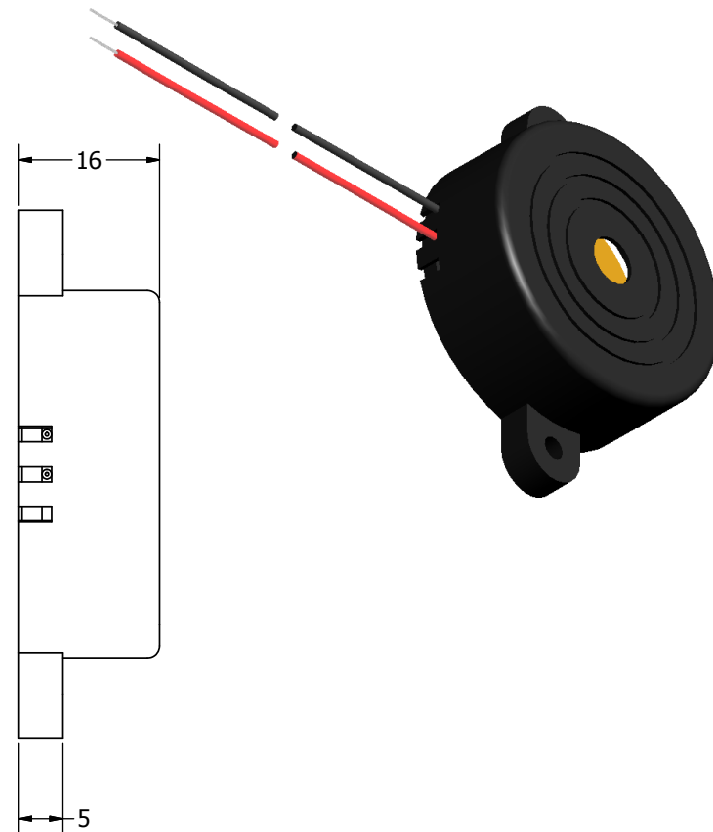
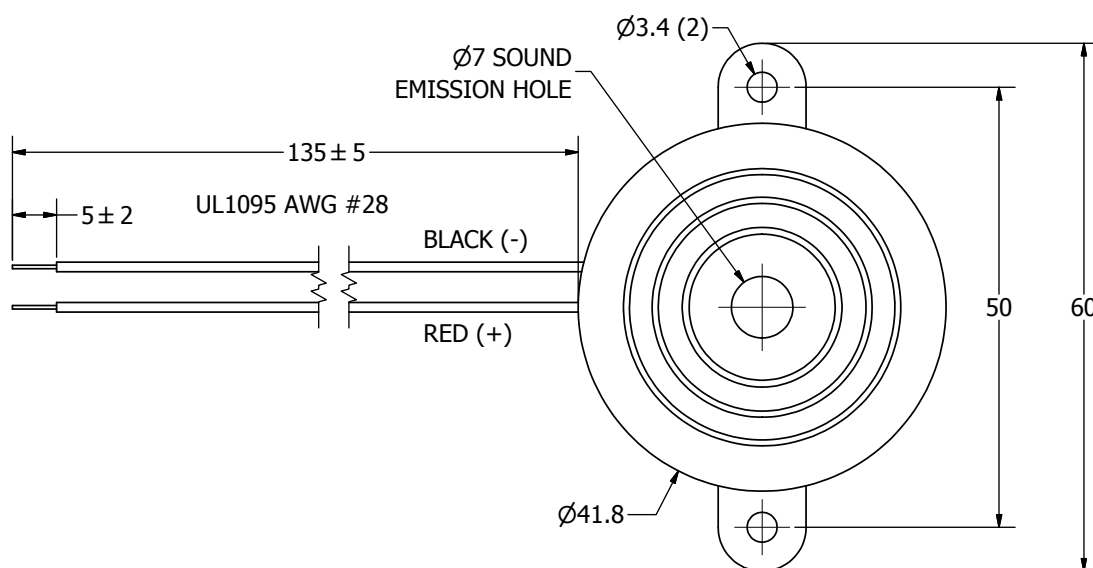
SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	10	Vp-p
OPERATING VOLTAGE RANGE	1 ~ 30	Vp-p
RATED CURRENT (MAX)	9	mA
CAPACITANCE	25,000 ± 30%	pF
MINIMUM SPL @ 10 CM	96	dBA
RESONANT FREQUENCY	3,000 ± 500	Hz
OPERATING TEMPERATURE	-30 ~ +85	°C
STORAGE TEMPERATURE	-40 ~ +95	°C
HOUSING MATERIAL	ABS	-
TERMINAL MATERIAL	LEAD WIRES	-
WEIGHT	12	grams

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REVISION HISTORY

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	9/18/2006	
A	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	10/3/2008	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.	9/18/2006	B.R.	9/18/2006	R.W.	9/18/2006	10/3/2008
		 AT-4230-TF-LW135-R Transducer (Piezo)						Edition - Sheet 1 / 1

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