

SPECIFICATIONS

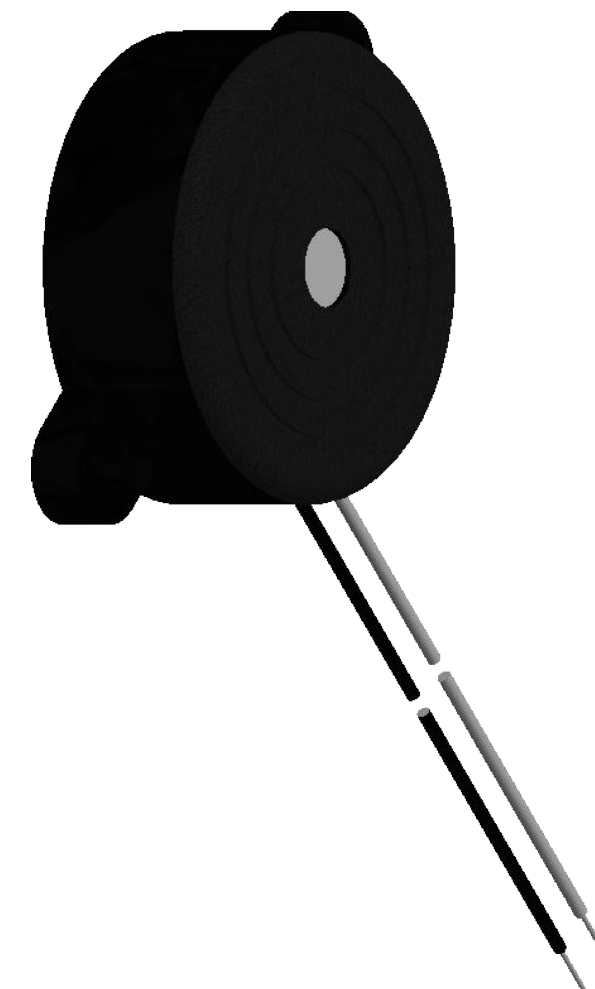
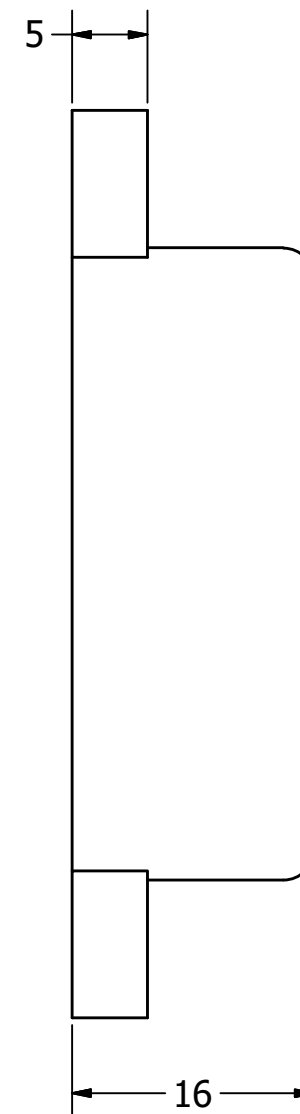
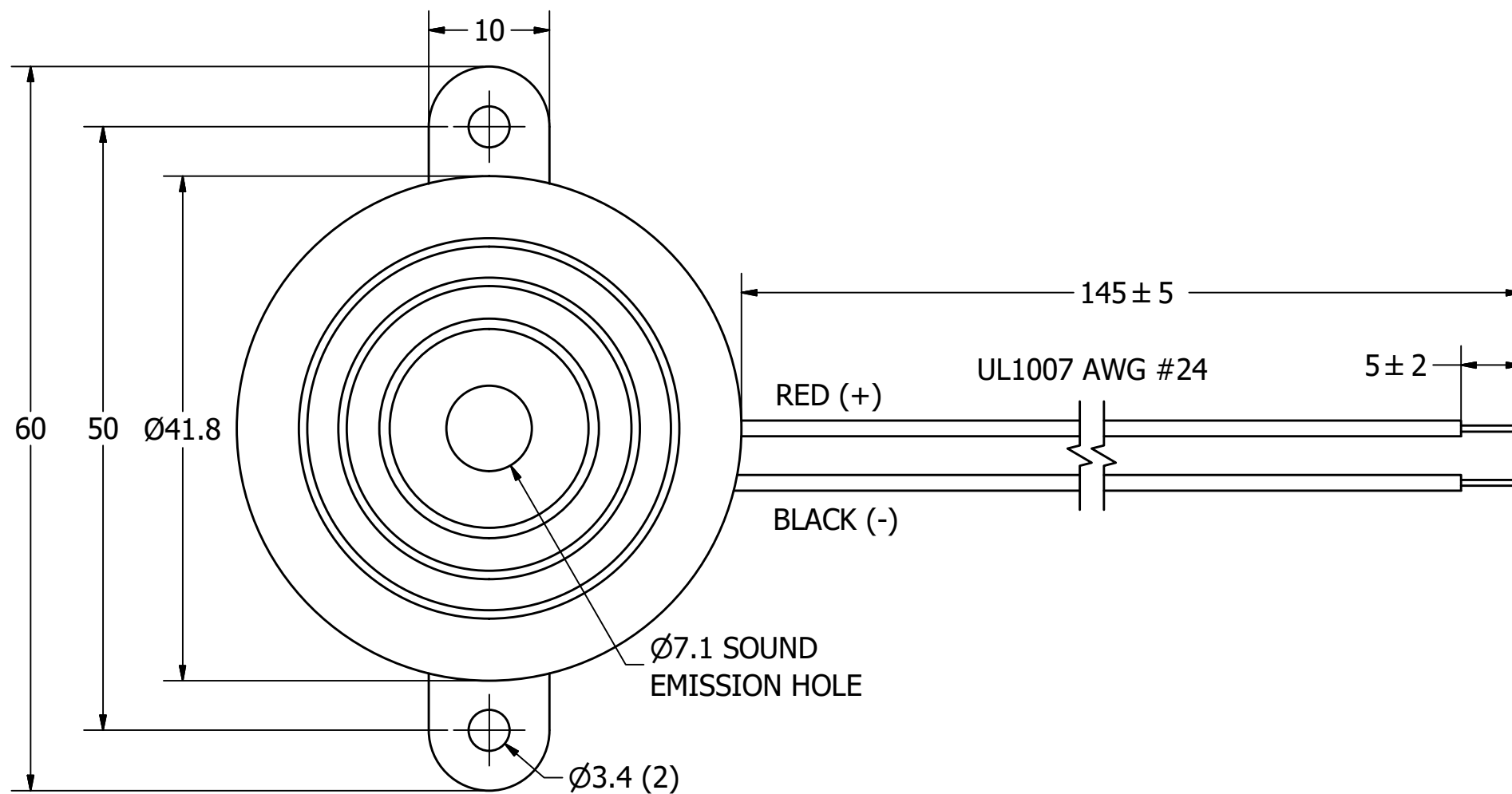
PARAMETERS	VALUES	UNITS
RATED VOLTAGE	12	Vdc
OPERATING VOLTAGE RANGE	3 ~ 20	Vdc
RATED CURRENT (MAX)	10	mA
MINIMUM SPL @ 10 CM	98	dBA
RESONANT FREQUENCY	2,800 ± 500	Hz
tone or pulse rate	SLOW PULSE	1.5 pulse/sec
OPERATING TEMPERATURE	-30 ~ +85	°C
STORAGE TEMPERATURE	-40 ~ +95	°C
HOUSING MATERIAL	ABS	-
TERMINAL MATERIAL	LEAD WIRE	-
WEIGHT	14.2	grams

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REVISION HISTORY	
1	Initial Release
2	Minor updates to formatting
3	Added new section on data analysis
4	Revised conclusion based on feedback
5	Final review and approval

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	5/16/2006	
A	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	3/5/2008	B.R.
B	REVISED WEIGHT	2/24/2020	M.V.



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.	5/16/2006	E.P.	5/16/2006	B.R.	5/16/2006	3/5/2008
	AI-4228-TF-SP-LW145-R.idw		AI-4228-TF-SP-LW145-R					Edition
		Indicator					-	1 / 1