

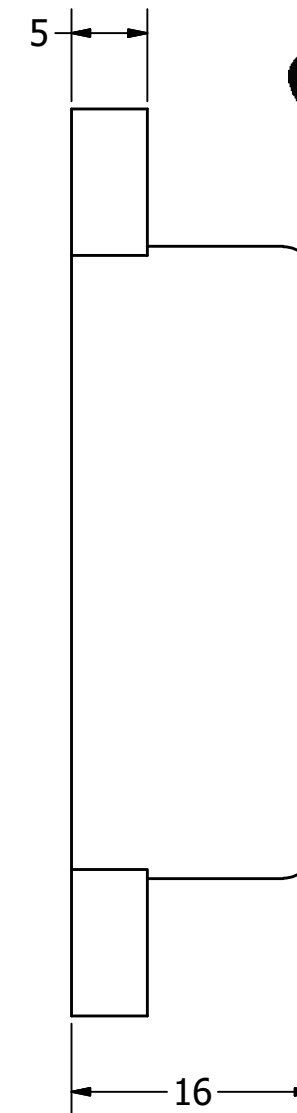
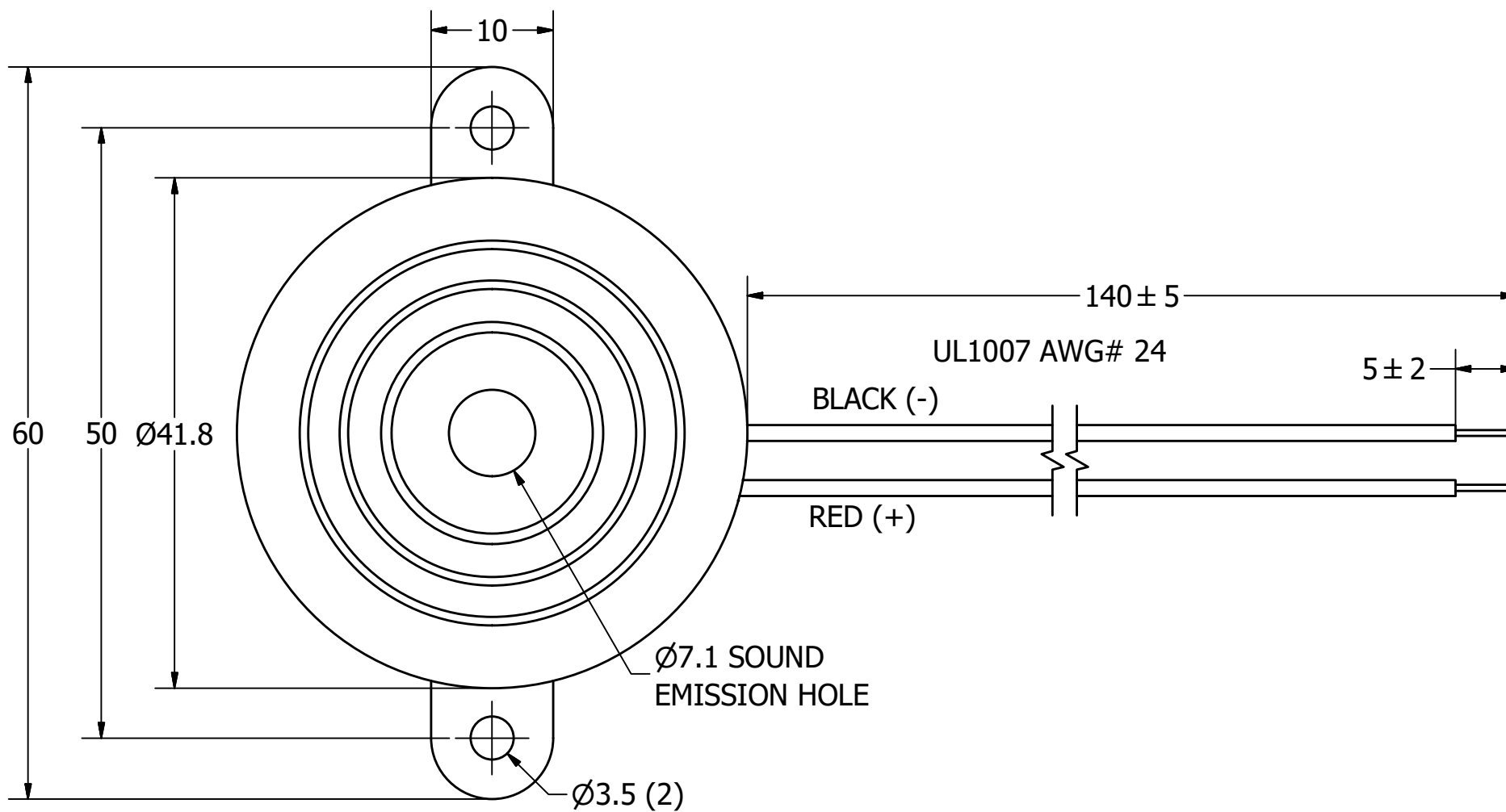
SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	12	Vdc
OPERATING VOLTAGE RANGE	1.5 ~ 20	Vdc
RATED CURRENT (MAX)	10	mA
MINIMUM SPL @ 10 CM	105	dBA
RESONANT FREQUENCY	2,800 ± 500	Hz
TONE OR PULSE RATE	CONTINUOUS	0 pulse/sec
OPERATING TEMPERATURE	-20 ~ +60	°C
STORAGE TEMPERATURE	-30 ~ +70	°C
HOUSING MATERIAL	ABS	-
TERMINAL MATERIAL	LEAD WIRE	-
WEIGHT	15	grams

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REVISION HISTORY

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	8/16/2004	
A	REVISED PART No. AND DIMENSIONS	8/26/2004	R.W.
B	REMOVED LEAD FREE ADDED RoHS NOTE	8/10/2005	B.R.
C	REVISED WIRE LENGTH FROM 215 TO 140	10/31/2005	B.R.
D	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	3/5/2008	B.R.
E	REVISED VOLTAGE RANGE AND WEIGHT	2/24/2020	M.V.



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL 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
		R.A.C.	8/16/2004			R.W.	8/16/2004	3/3/2008
AI-4228-TF-LW140-R.idw				AI-4228-TF-LW140-R			Indicator	
							Edition	Sheet
							-	1 / 1

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