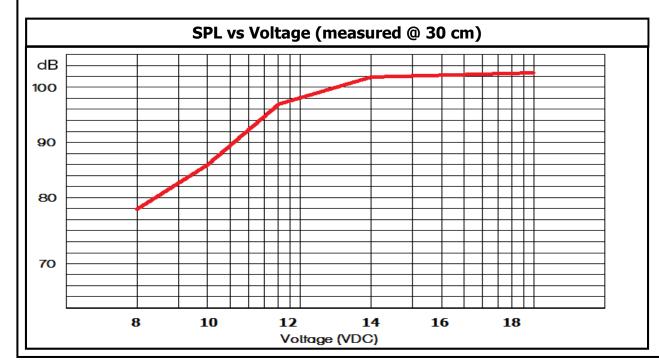


AI-2438-TT-R 24mm Indicator

3541 Stop Eight Road ● Dayton, Ohio 45414



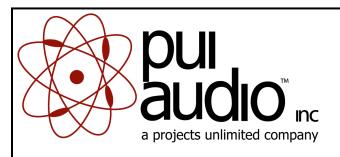
- 24mm diameter self-drive indicator
- 95 dBA minimum output (12 VDC @ 10 cm) and 3,800 Hz continuous tone
- High-temp UL-94 ABS housing withstands Wave soldering temperatures
- Designed to be used in alert circuits





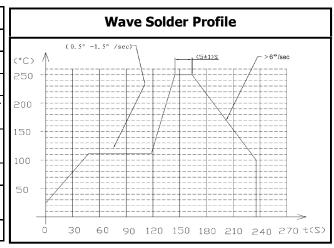


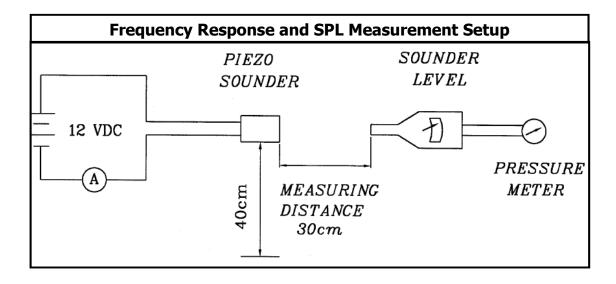


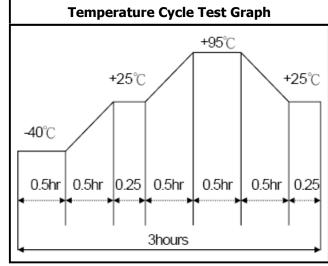


AI-2438-TT-R 24mm Indicator

Mechanical and Environment Testing		
Test Description	Test Condition	
High Temperature	95°C (±2°C) with random humidity for 96 hours	
Low Temperature	-40°C (±2°C) with random humidity for 96 hours	
Humidity	40°C (±2°C) with 90% to 95% relative humidity for 96 hours	
Vibration	1.5 mm movement modulated at 10-55 Hz for 3 hours	
Drop Test	75 cm free fall onto wood board, 9 cycles	
Temperature Cycle Test	-40°C to 95°C, five 3 hour cycles	
After tests, part shall rest for 2 hours. Parts are then tested for clean, pure tones.		





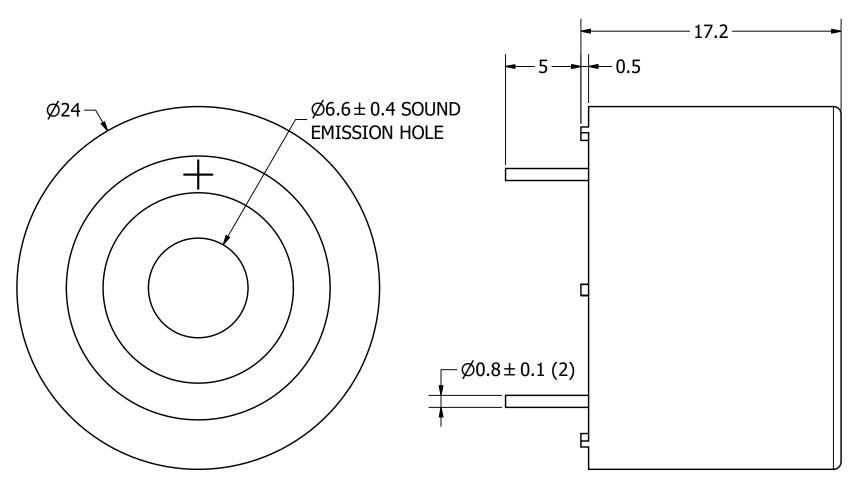


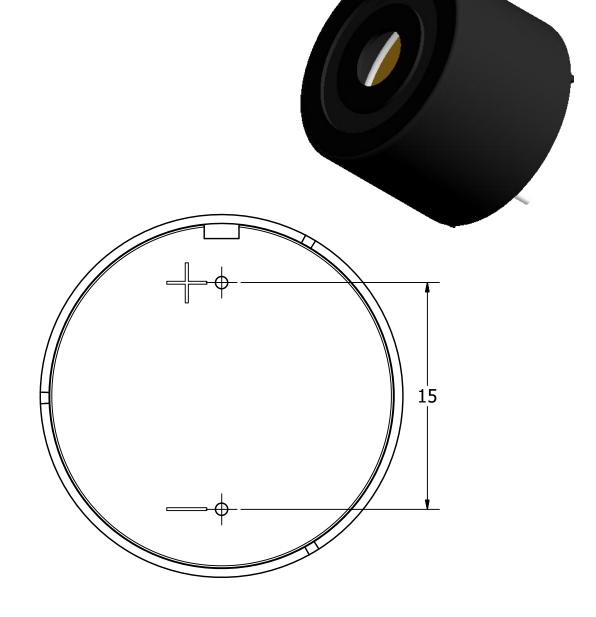
SPECIFICATIONS				
PARAMETERS	VALUES	UNITS		
RATED VOLTAGE	12	Vdc		
OPERATING VOLTAGE RANGE	8 ~ 16	Vdc		
RATED CURRENT (MAX)	12	mA		
MINIMUM SPL @ 10 CM	95	dBA		
RESONANT FREQUENCY	3,800 ± 500	Hz		
TONE OR PULSE RATE	CONTINUOUS	0 pulse/sec		
OPERATING TEMPERATURE	-30 ~ +85	°C		
STORAGE TEMPERATURE	-40 ~ +95	°C		
HOUSING MATERIAL	ABS	-		
TERMINAL MATERIAL	Sn PLATED BRONZE	-		
WEIGHT	4	grams		

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REVISION HISTORY			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	1/5/2006	
Α	REVISED HEIGHT DIMENSION	10/25/2007	R.W.
В	REVISED TO INVENTOR 3-D DRAWING TEMPLATE & HEIGHT	1/29/2008	B.R.
С	REVISED RATED CURRENT	9/6/2013	B.R.
D	REVISED OPERATING VOLTAGE RANGE	1/4/2019	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		Designed by	Date
SPECIFIED:	SIZE	J.A.F.	1/5/20
DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	A 3		pui
AI-2438-T	T-R.idw	4	auc

	-TT-R	_,,
Z 130		

Date

Approved by

Indicator

Checked by

Edition Sheet
- 1 / 1

Drawn Date