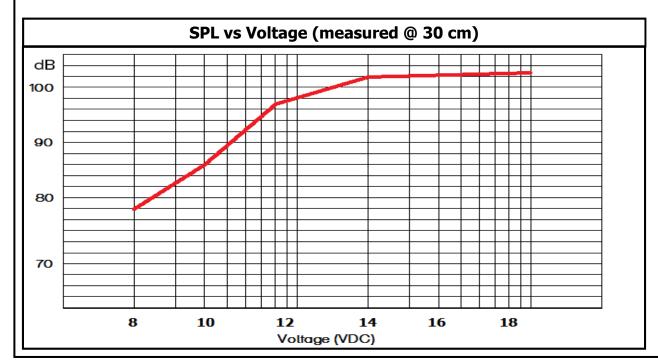


AI-2438-TT-R 24mm Indicator

3541 Stop Eight Road • Dayton, Ohio 45414



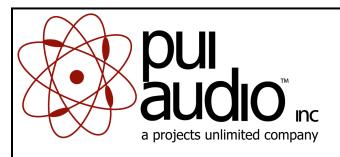
- 24mm diameter, 8-18 VDC self-drive indicator
- 95 dBA minimum output (12 VDC @ 10 cm) and 3,800 Hz continuous tone
- High-temp UL-94 ABS housing withstands Wave soldering temperatures
- Designed to be used in alert circuits





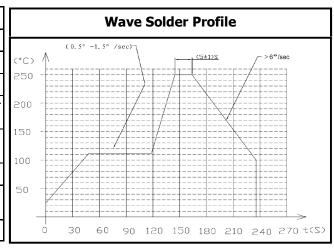


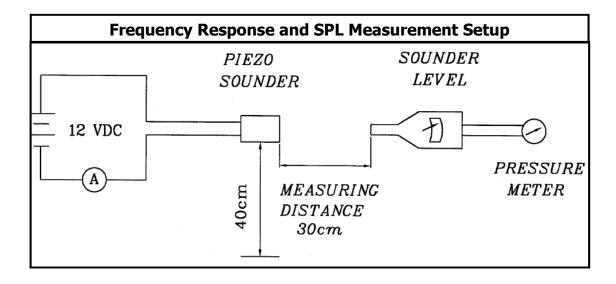


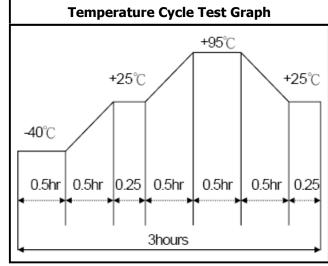


AI-2438-TT-R 24mm Indicator

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.				





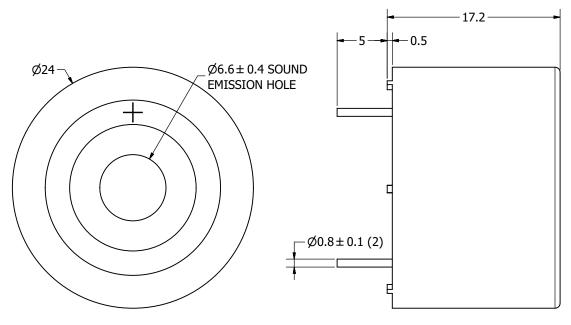


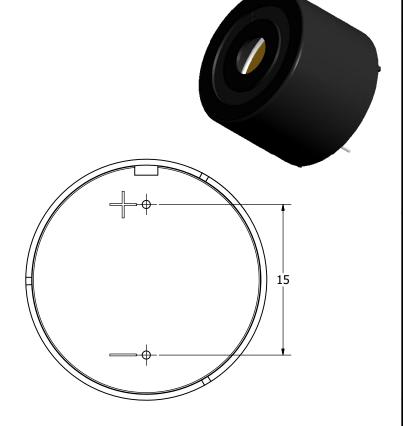
SPECIFICATIONS						
PARAMETERS	VALUES	UNITS				
RATED VOLTAGE	12	Vdc				
OPERATING VOLTAGE RANGE	8 ~ 18	Vdc				
RATED CURRENT (MAX)	12	mA				
MINIMUM SPL @ 10 CM	95	dBA				
RESONANT FREQUENCY	3,800 ± 500	Hz				
TONE OR PULSE RATE	CONTINUOUS	0 pulse/sec				
OPERATING TEMPERATURE	-30 ~ +85	°C				
STORAGE TEMPERATURE	-40 ~ +95	°C				
HOUSING MATERIAL	ABS	-				
TERMINIAL MATERIAL	Sn PLATED					
TERMINAL MATERIAL	BRONZE	-				
WEIGHT	4	grams				

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'L		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.
	C	REVISED RATED CURRENT	9/6/13	B.R.





Date

Drawn Date

Sheet

1/1

1/5/2006 1/29/2008

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			Designed by	Date	Checked by		Date	Approved by	
		SIZE	J.A.F.	1/5/2006	E.P.		1/5/2006	B.R.	Ī
MILLIMETERS, TOLERANCES ARE ±0.5 AND	A3	pul.			AI-2438-				
	ANGLES ARE ±3°.			a projects unlimited co) Inc		Indic	cator	

Mouser Electronics

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