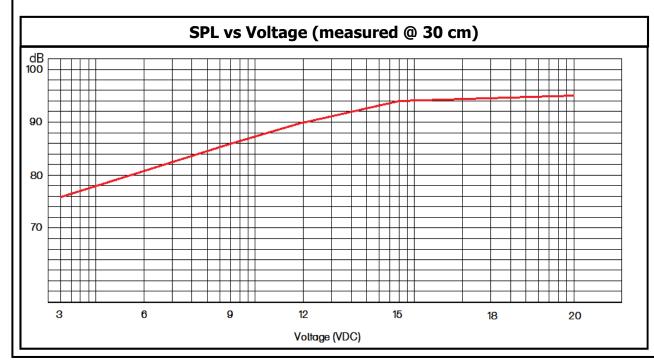


AI-2429-TWT-12V-2-R 24mm Indicator

3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

- 24mm diameter, 3-20 VDC self-drive indicator
- 100 dBA minimum output (12 VDC @ 10 cm) and 2,900 Hz continuous tone
- ABS 777 housing withstands Wave soldering temperatures
- Removable wash tag preserves performance
- Consumes only 8 mA of current

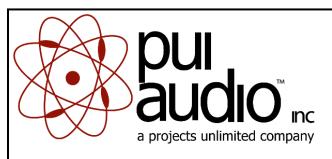






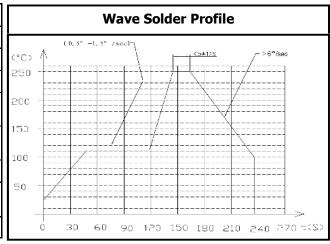


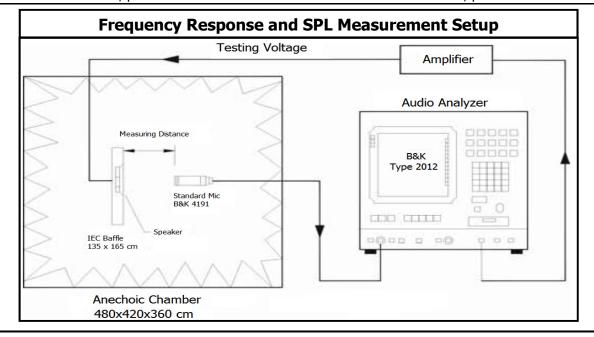


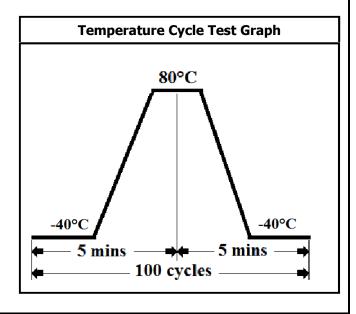


AI-2429-TWT-12V-2-R 24mm Indicator

Mechanical and Environment Testing					
Test Description	Test Condition				
High Temperature	80°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 0.75 mm movement modulated at 10-55 Hz for 3 hours				
Vibration					
Drop Test	100 cm free fall onto wood board, 10 cycles				
Temperature Cycle Test	-40°C to 80°C, 100 cycles				
After tests, part shall rest for 2 hours. Parts are then tested for clean, pure tones.					





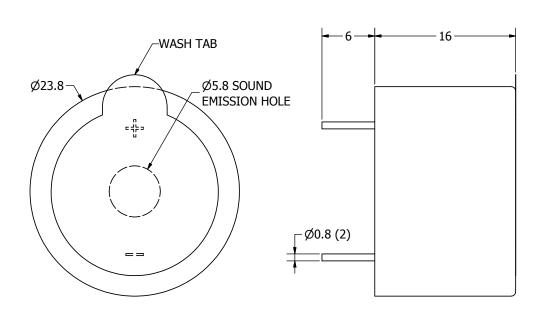


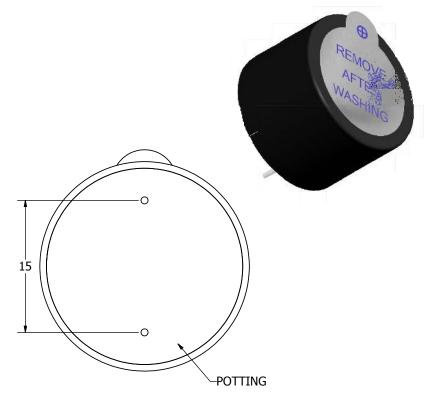
SPECIFICATIONS						
PARAMETERS	VALUES	UNITS				
RATED VOLTAGE	12	Vdc				
OPERATING VOLTAGE RANGE	3 ~ 20	Vdc				
RATED CURRENT (MAX)	8	mA				
MINIMUM SPL @ 10 CM	100	dBA				
RESONANT FREQUENCY	2,900 ± 500	Hz				
TONE OR PULSE RATE	CONTINUOUS	0 pulse /sec	;			
OPERATING TEMPERATURE	-20 ~ +70	°C				
STORAGE TEMPERATURE	-40 ~ +80	°C				
HOUSING MATERIAL	ABS	i				
TERMINAL MATERIAL	Sn PLATED COPPER	i				
WEIGHT	6	grams				
TERMINAL MATERIAL	Sn PLATED COPPER	- - grams				

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		REVISION HISTORY				
,	LTR	DESCRIPTION	DATE	APPROVED		
	-	RELEASED FROM ENGINEERING	3/21/2006			
	Α	REVISED TONE OR PULSE RATE	1/29/2007	R.W.		
	В	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	1/18/2008	B.R.		





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		Designed by	Date	Checked by	Date	Approved by	Date	Drawn D
SPECIFIED:	SIZE	T.G.	3/21/2006	B.R.	3/22/2006	E.P.	3/22/2006	1/18/20
DIMENSIONS ARE IN MILLIMETERS, TOLERANCES	Δ3	AI-2429-TWT-12V-					-2-R	
ARE ±0.5 AND	/ \ O	\times X • \times		TM			Calie	on Cho

ANGLES ARE ±3°.

AI-2429-TWT-12V-2-R.idw

AI-2429-TWT-12V-2-R.idw

Indicator

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