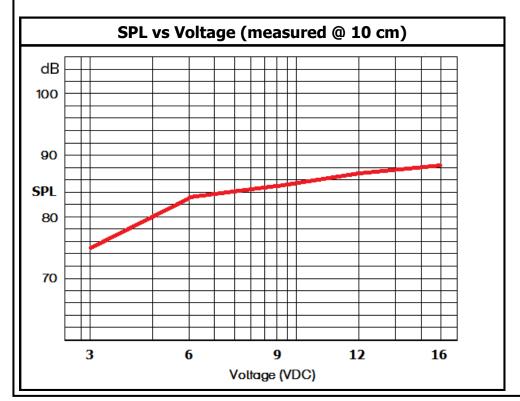


AI-1440-TWT-12V-R 14mm Indicator

3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

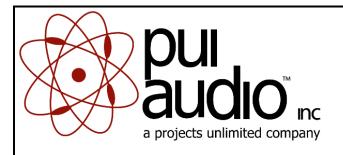
- 14mm diameter, 3-16 VDC self-drive indicator
- 80 dBA minimum output (12 VDC @ 10 cm) and 4 kHz continuous tone
- Noryl[™] housing withstands Wave soldering temperatures
- Removable wash tag preserves performance





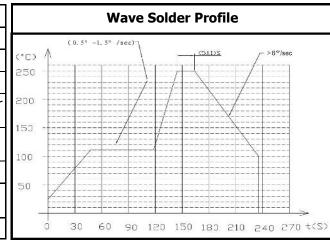


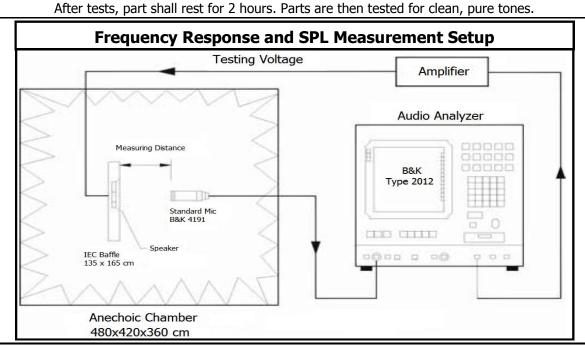


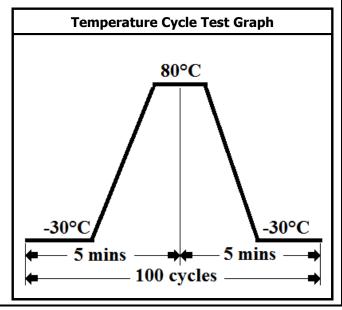


AI-1440-TWT-12V-R 14mm Indicator

Mechanical and Environment Testing			
Test Description	Test Condition		
High Temperature	85°C (±2°C) with random humidity for 96 hours		
Low Temperature	-25°C (±2°C) with random humidity for 96 hours		
Humidity	40°C (±2°C) with 90% to 95% relative humidity for 96 hours		
Vibration	0.75 mm movement modulated at 10-55 Hz for 3 hours		
Drop Test	100 cm free fall onto wood board, 10 cycles		
Temperature Cycle Test	-30°C to 80°C, 100 cycles		





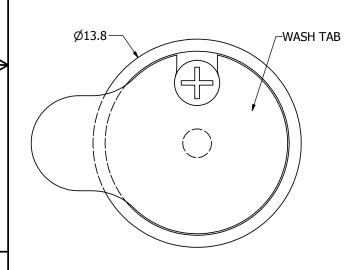


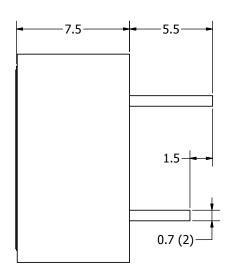
SPECIFICATIONS						
VALUES	UNITS					
12	Vdc					
3 ~ 16	Vdc					
7	mA					
80	dBA					
4,000 ± 500	Hz					
CONTINUOUS	0 pulse /second					
-20 ~ +70	°C					
-30 ~ +80	°C					
NORYL	-					
Sn PLATED	_					
RED COPPER	_					
1	grams					
	12 3 ~ 16 7 80 4,000 ± 500 CONTINUOUS -20 ~ +70 -30 ~ +80 NORYL Sn PLATED					

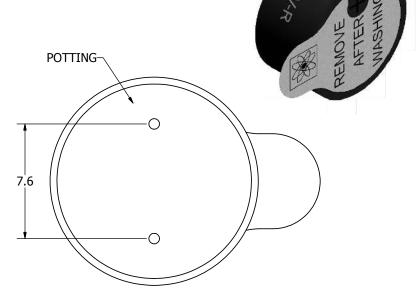
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	REVISION HISTORY		
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	8/19/2004	
Α	REVISED ROHS STATEMENT	5/27/2005	B.R.
В	B REVISED DIMENSION SIZE AND STYLE		B.R.
С	C REVISED TERMINAL MATERIAL :		B.R.
D	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	10/9/2007	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 SPECIFIED:	0175
DIMENSIONS ARE IN MILLIMETERS,	SIZE
TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.	A3
ΔΙ_1440_Τ\Λ/Τ	-12\/_R idw

J.D.	8/19/2004	
	pul.	
	audio nc	

Date

 Checked by
 Date
 Approved by
 Date
 Drawn Date

 R.W.
 8/20/2004
 10/9/2007

AI-1440-TWT-12V-R

Indicator Edition Sheet - 1/1