

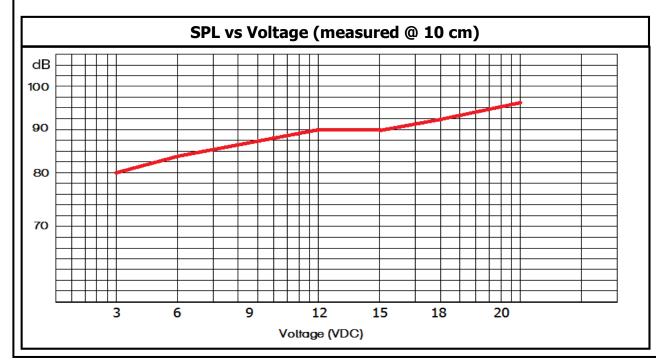
AI-2331-TWT-R 23mm Indicator

3541 Stop Eight Road ● Dayton, Ohio 45414



Product Overview

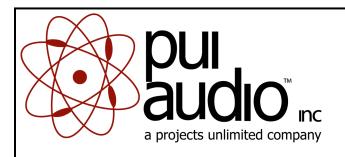
- 23mm diameter, 3-20 VDC self-drive indicator
- 85 dBA minimum output (12 VDC @ 10 cm)
- 3,100 Hz continuous tone for ultimate audibility
- Noryl® housing withstands Wave soldering temperatures
- Removable wash tag preserves performance





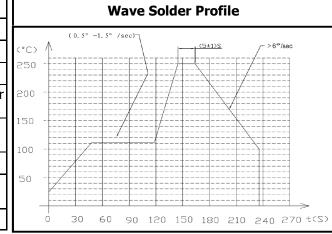


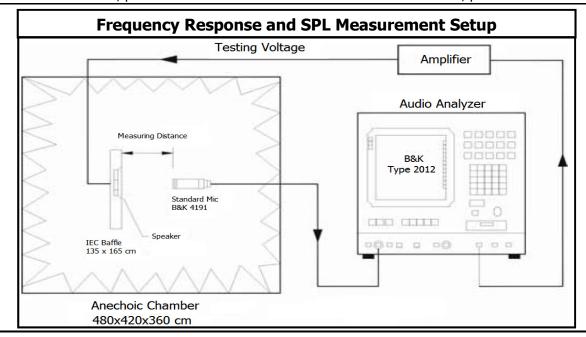


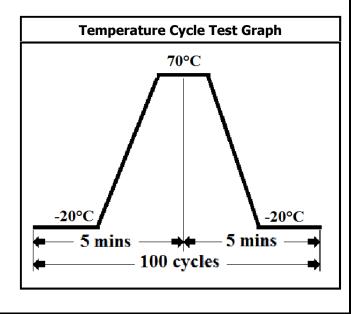


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Mechanical and Environment Testing			
Test Description	Test Condition		
High Temperature	70°C (±2°C) with random humidity for 96 hours		
Low Temperature	-20°C (±2°C) with random humidity for 96 hours 40°C (±2°C) with 90% to 95% relative humidity for 96 hours 0.75 mm movement modulated at 10-55 Hz for 3 hours 100 cm free fall onto wood board, 10 cycles		
Humidity			
Vibration			
Drop Test			
Temperature Cycle Test	-20°C to 70°C, 100 cycles		
After tests, part shall rest for 2 hours. Parts are then tested for clean, pure tones.			





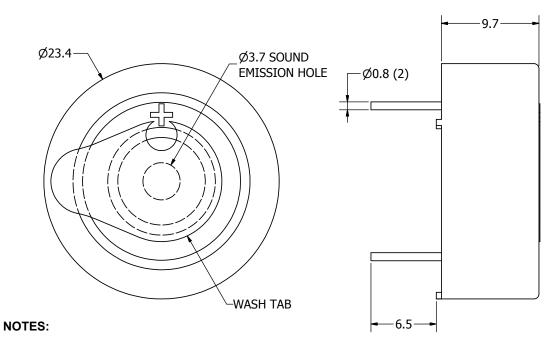


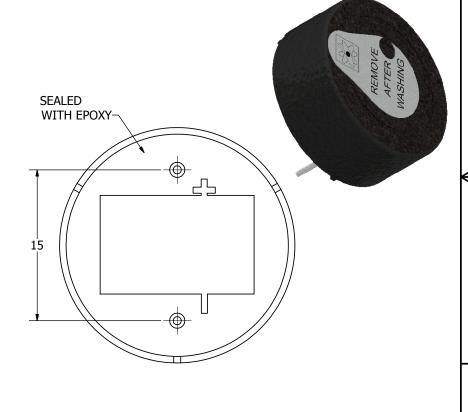
Vdc Vdc mA
Vdc Vdc
Vdc
mA
dBA
Hz
ulse /sec
°C
°C
-
-

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0	REVISION HISTORY					
	LTR	DESCRIPTION	DATE	APPROVED		
	-	RELEASED FROM ENGINEERING	8/23/2004			
	Α	ADDED DIMENSION	8/27/2004	R.W.		
	В	REMOVED LEAD FREE NOTE ADDED RoHS	8/10/2005			
	С	REVISED TERMINAL MATERIAL	11/28/2006	R.W.		
	D	ADDED EPOXY SEAL NOTE	3/7/2007	B.R.		
Е		REVISED BODY HEIGHT DIMENSION	4/7/2008	B.R.		
	F	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	12/21/2008	B.R.		
	G	ADDED NOTE 4	2/17/2012	M.L.		





Date

1. ALL DIMENSIONS ARE IN MILLIMETERS.

2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL WITHOUT NOTICE.

3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

4. PART IS NOT WASHABLE.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MILLIMETERS, ARE 40.5 AND ANGLES ARE ±3°.

AI-2331-TWT-R.idw

R.A.C.	8/23/2004	
	PUI audic a projects unlimited co	

Date

Checked by

R.W. 8/23/2004 12/21/200					
AI-2331-TWT-R					

Date

Drawn Date

Approved by

Indicator Edition Sheet 1/1