



# PUIaudio



Data Sheet

AI-3331-TF-LW100-R

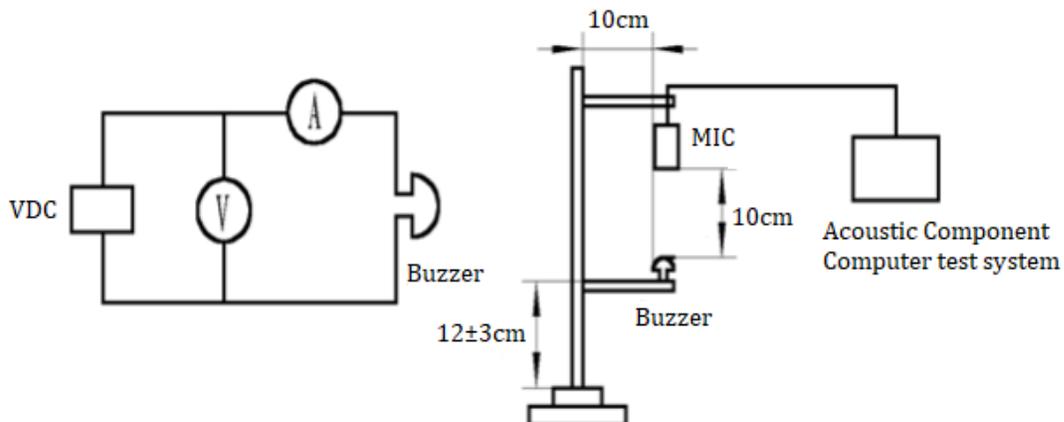
## Features:

- 12Vdc Piezo Indicator
- 33mm diameter X 19mm height
- Minimum 100dB output at 10cm
- Weighs 2.5 grams

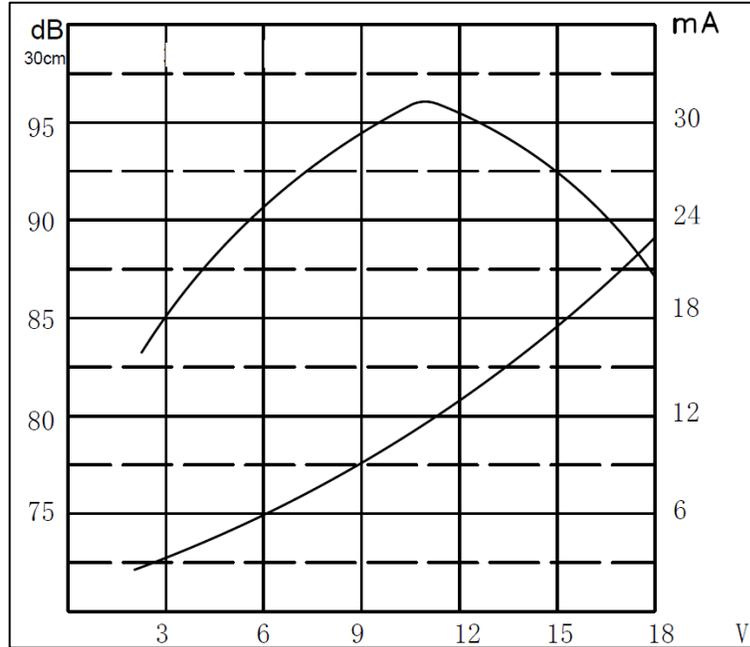
## Specifications

Parameters	Values	Units
Rated Voltage	12	VDC
Operating Voltage Range	3 ~ 20	VDC
Current Draw at Rated Voltage	20 Max.	mA
Minimum SPL @ 10cm	100	dBa
Resonant Frequency	3,100 ± 500	Hz
Tone or Pulse Rate	Continuous	0 pulse per second
Housing Material	PBT	-
Terminal Material	Lead Wire	UL 1095 AWG28
Weight	2.5	Grams
Environmental Compliances	RoHS/REACH	Ex. 7c-1
Storage Temperature	-30 ~ +85	°C
Operating Temperature	-20 ~ +85	°C

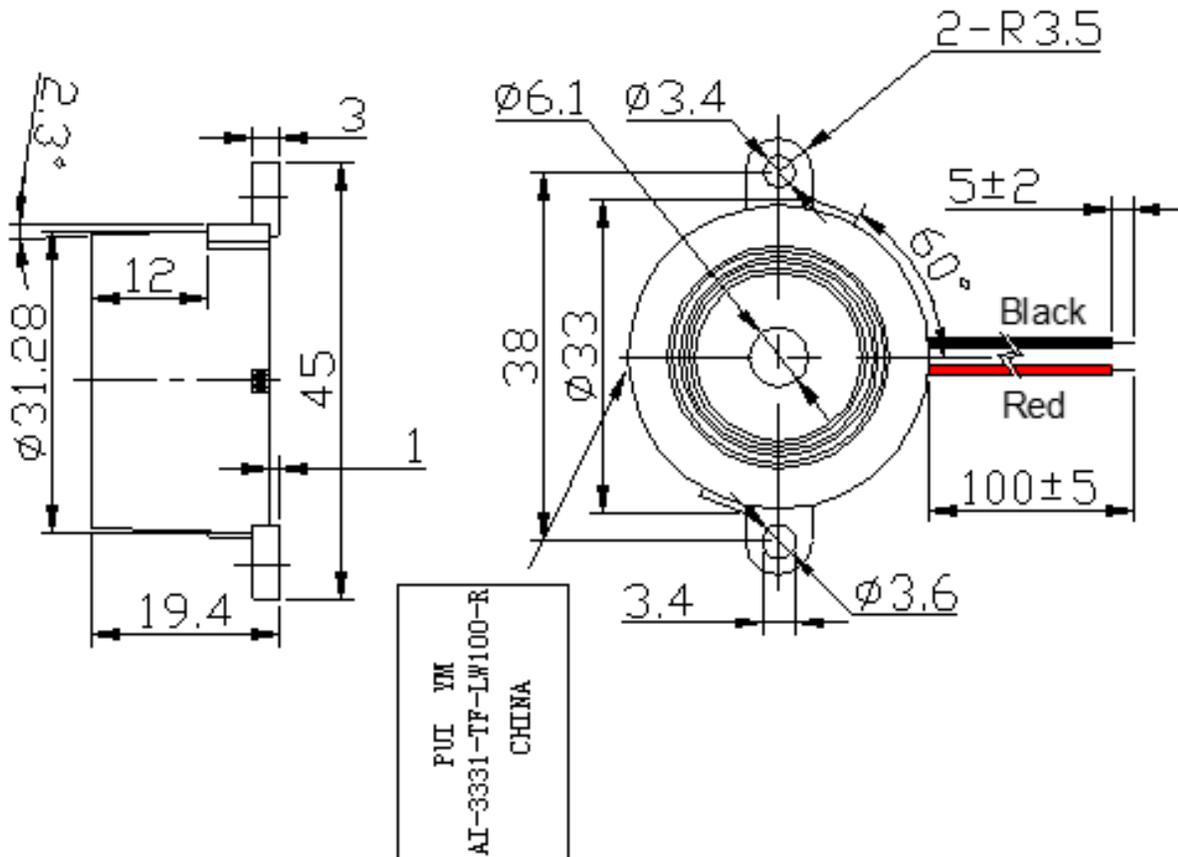
## Measurement Method (12VDC/SPL meter spaced at 10cm)



## Typical SPL and Current vs Input Voltage

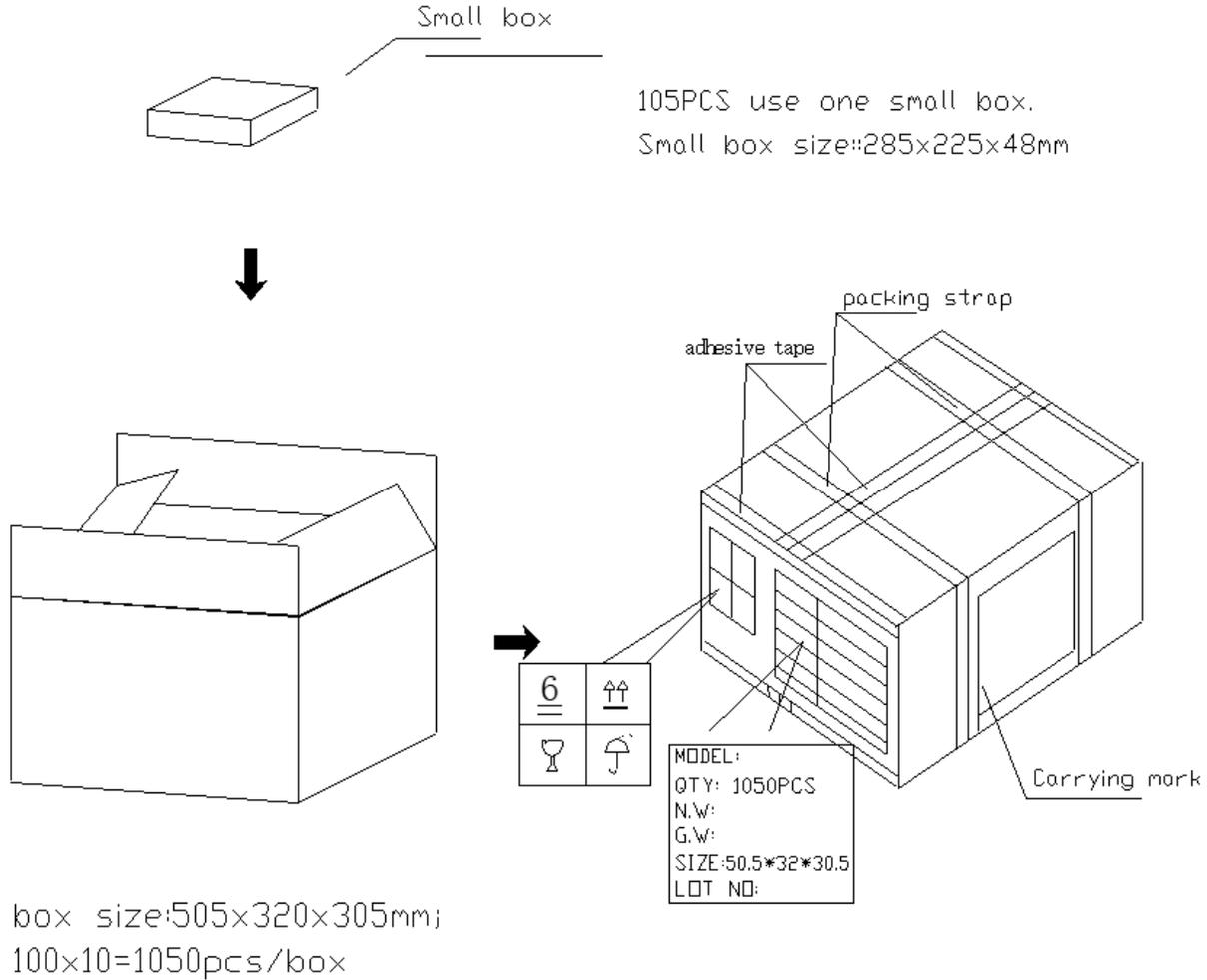


## Dimensions



\*Wave Solder and Wash not allowed.

## Packaging



### Specifications Revisions

Revision	Description	Date
-	RELEASED FROM ENGINEERING	10/24/2006
A	Revised Max current from 15mA to 20mA	05/10/2018
B	Add packaging details	10/05/2023

Note:

1. Unless otherwise specified:
  - A. All dimensions are in millimeters.
  - B. Default tolerances are  $\pm 0.5\text{mm}$  and angles are  $\pm 3^\circ$ .
2. Specifications subject to change or withdrawal without notice.