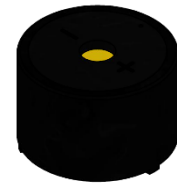




PUIaudio



Data Sheet

AI-3035-TT-12V-R

Features:

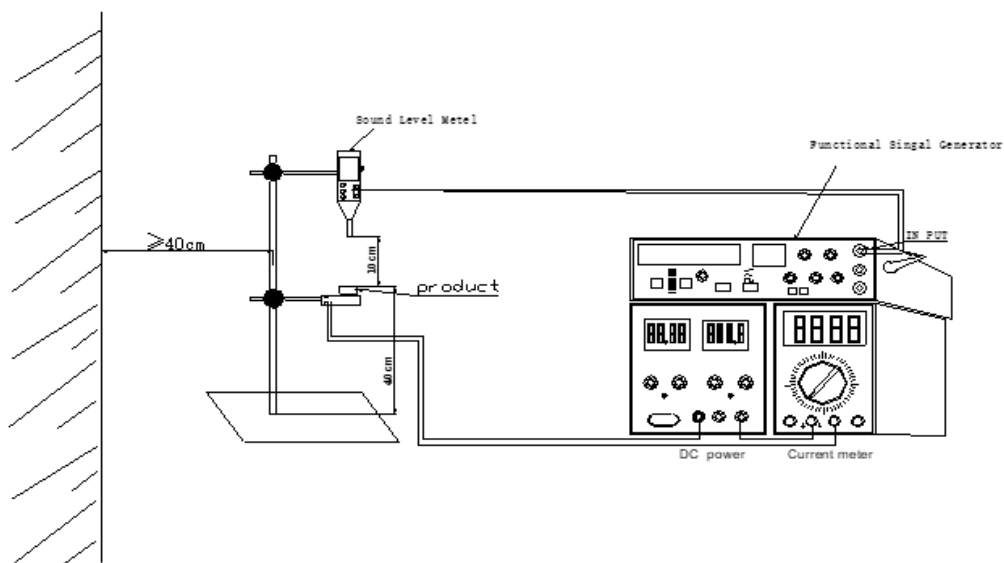
- High-Output Piezo Indicator
- 12VDC rated, 3500Hz
- Top-Firing Thru-Hole Type

Specifications

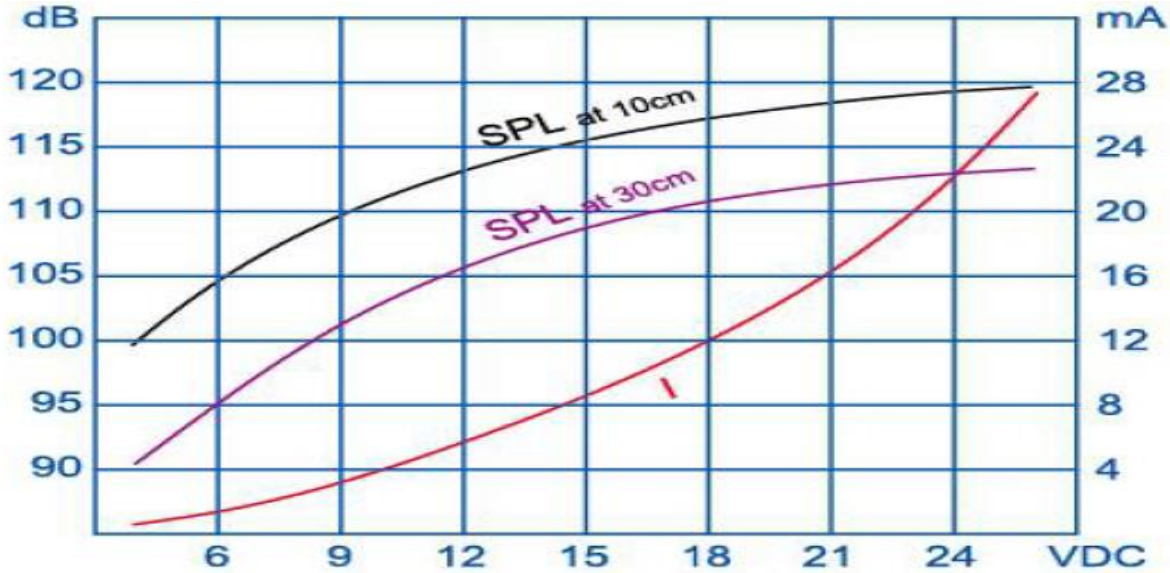
Parameters	Values	Units
Rated Voltage	12	VDC
Operating Voltage Range	3 ~ 20	VDC
Current Draw at Rated Voltage	12	mA
Minimum SPL @ 10cm	110	dBA
Resonant Frequency	3,500 ± 500	Hz
Tone or Pulse Rate	Continuous	-
Housing Material	PBT	-
Terminal Material	Sn Plated Copper	-
Weight	9.3	Grams
Acceptable Soldering Methods	Hand Solder, Wave Solder	-
Environmental Compliances	RoHS/REACH	7c-1
Storage Temperature	-40 ~ +90	°C
Operating Temperature	-40 ~ +85	°C

Measurement Method (Temperature: 25±3°C; Relative Humidity: 60% ~ 70%)

Standard Test Fixture (Distance: 10cm, 12VDC)



Typical SPL vs Input Voltage

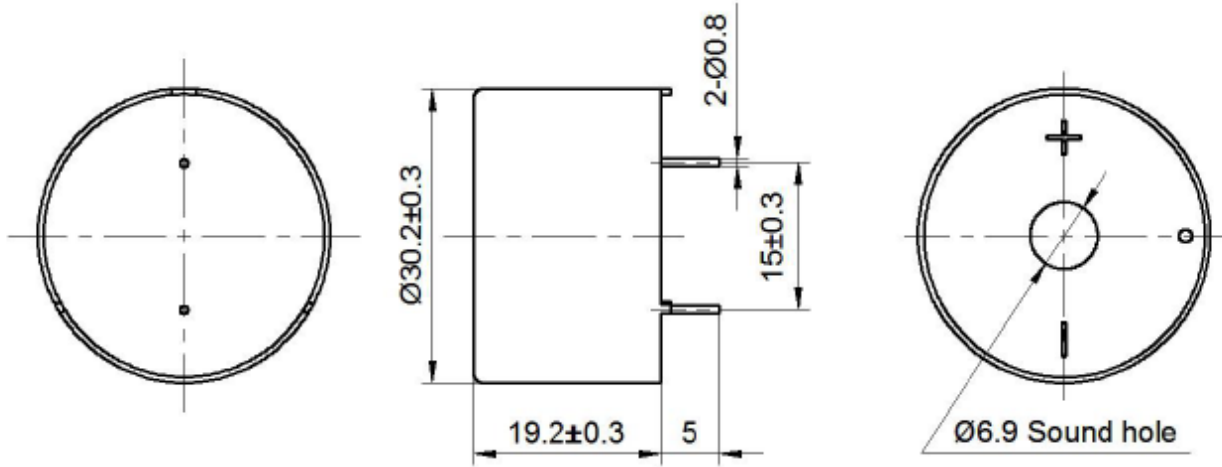


Reliability Testing

Type of Test	Test Specifications
High Temperature Test	X hours at X°C (if part is allowed to rest at room temperature, state for how long)
Low Temperature Test	X hours at -X°C
Humidity Test	X hours at X°C with relative humidity at X% (if part is allowed to rest at room temperature, state for how long)
Temperature Cycle Testing	Describe temperature cycle test procedure or place diagram of test cycle
Vibration Test	Describe frequency, amplitude, duration and axis involved in vibration test
Shock Test	If applicable, describe conditions of test.
Drop Test	Describe distance, drop surface material, and number of test cycles/how many sides are tested.
Load Test	If applicable, state the conditions of the load test

Call out how pass/fail conditions are determined after the reliability testing is complete

Dimensions



Packaging

Tray: 50 pcs

Master Carton: 1000 pcs

Specifications Revisions

Revision	Description	Date	Approved
A	RELEASED FROM ENGINEERING	12/13/2018	
B	Added Pin Length to drawing	8/19/2024	JD

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.