

Data Sheet AI-3232-TWF-LW160

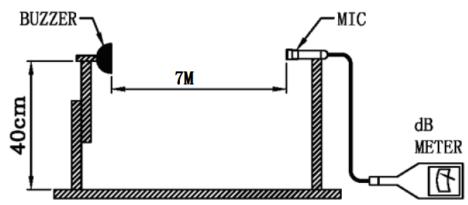
Features:

- 12Vdc rated voltage
- 116 dB SPL at 10 cm for use in loud environments
- Wide operating temperature range from -40°C to 85°C
- 160mm lead wires for ease of use

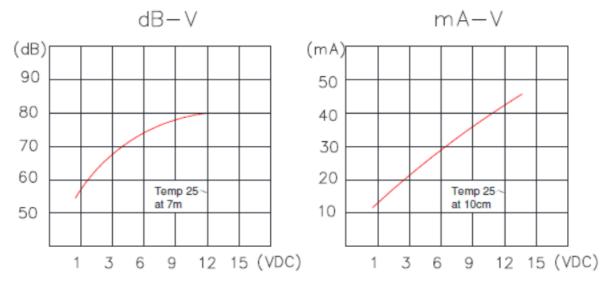
Specifications

Parameters	Values	Units
Rated Voltage	12	VDC
Operating Voltage Range	5 ~ 15	VDC
Current Draw at Rated Voltage	80 max.	mA
Minimum SPL @ 10cm	116	dBA
Minimum SPL @ 7m	80	dBA
Resonant Frequency	3,200 ± 300	Hz
Tone or Pulse Rate	Continuous	-
Housing Material	Black PBT	-
Terminal Material	Lead Wire	-
Weight	21	Grams
Ingress Protection Rating	IP65	-
Environmental Compliances	RoHS/REACH/POPS/TSCA	7c-1 exempt
Storage Temperature	-40 ~ 85	°C
Operating Temperature	-40 ~ 85	°C

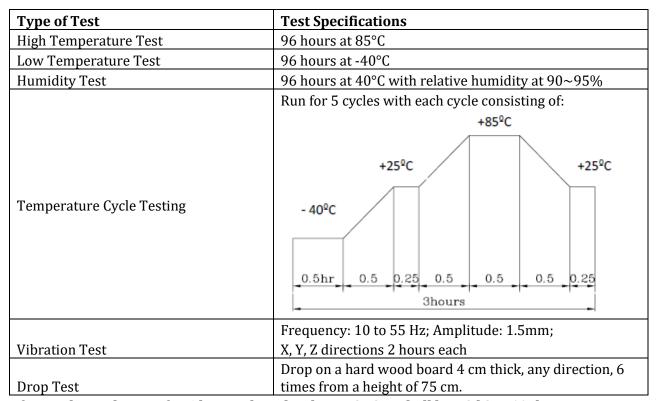
Measurement Method (list test conditions here)



Typical SPL/Current vs Input Voltage

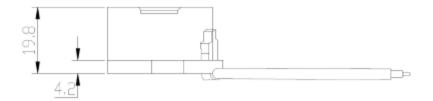


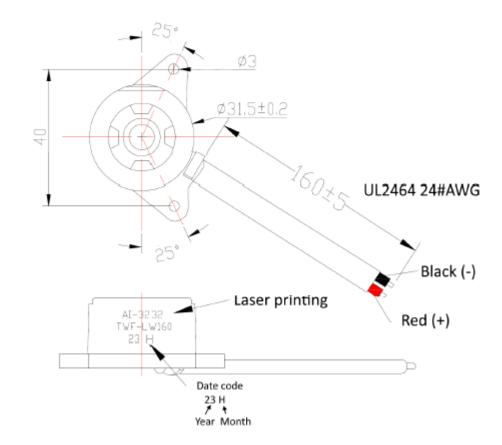
Reliability Testing



After each test, let rest for 6 hours, then the change in SPL shall be within ±10 dB

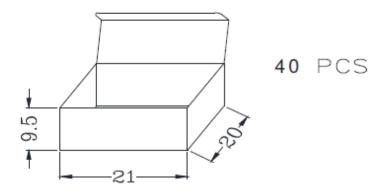
Dimensions

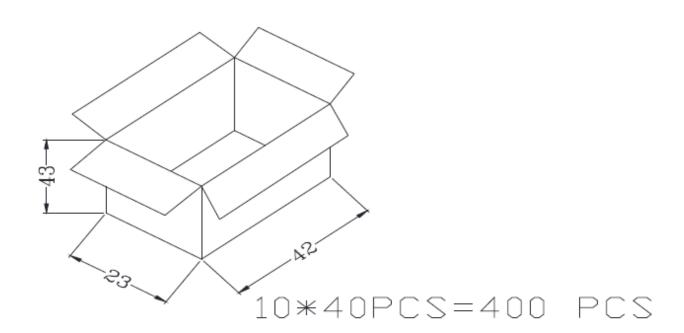




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Packaging





Specifications Revisions

Revision	Description	Date
A	Released from Engineering	09/14/2023
В	Revised Operating Voltage Range	10/26/2023

Note:

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