



PUIaudio



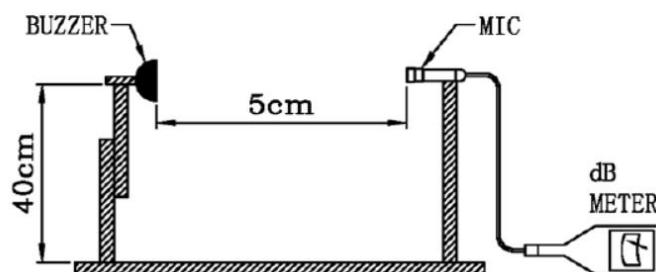
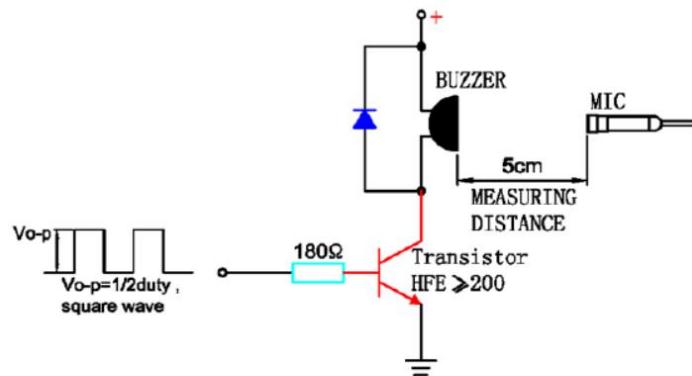
Data Sheet

SMT-0931-S-R

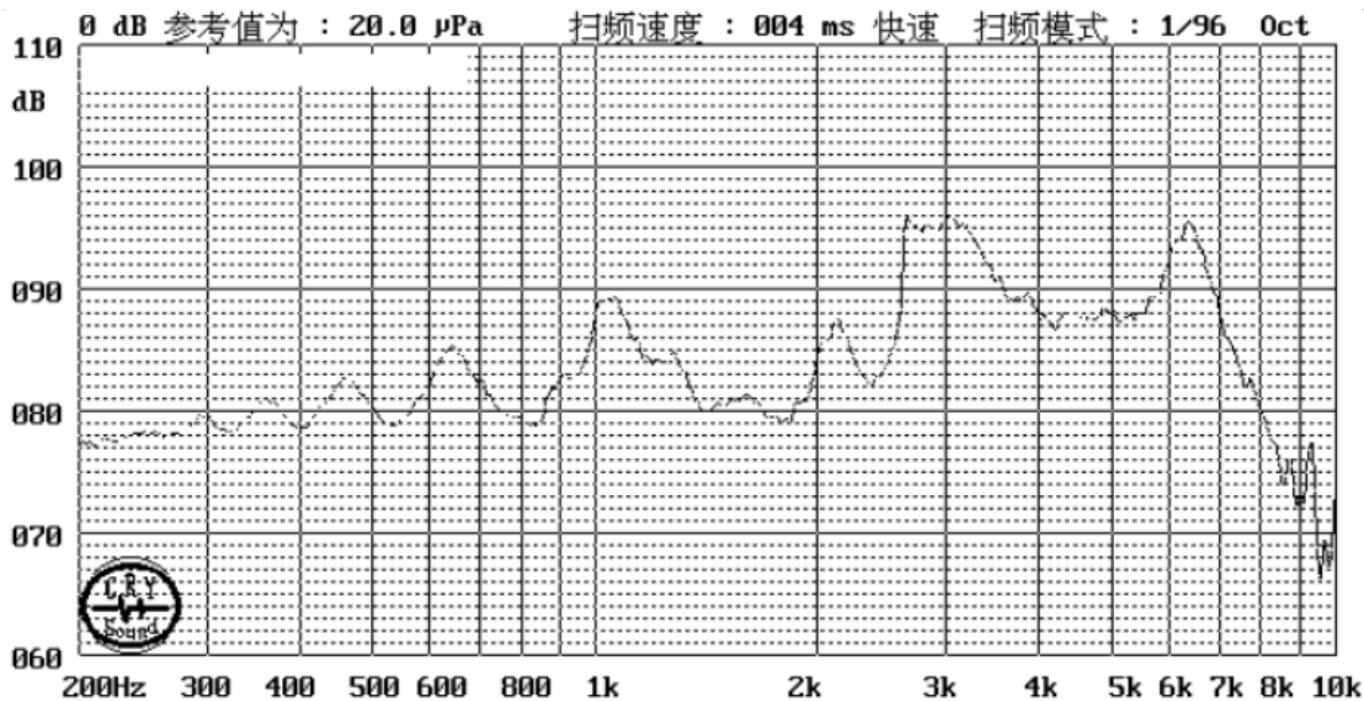
Specifications

Parameters	Values	Units
Rated Voltage	3.6	V _{0-p}
Operating Voltage Range	3 ~ 5	V _{0-p}
Current Draw at Rated Voltage	80 (Max.)	mA
Coil Resistance	20 ± 3	Ohms
Minimum SPL @ 5cm	95	dBA
Resonant Frequency	3100 ± 500	Hz
Housing Material	LCP (White)	-
Terminal Material	Au plated Brass	-
Weight	0.8	Grams
Acceptable Soldering Methods	Hand Solder, Reflow Solder	See page 3 for soldering information
Environmental Compliances	RoHS/REACH	-
Moisture Sensitivity Level (MSL)	2A	-
Storage Temperature	-40 ~ +85	°C
Operating Temperature	-40 ~ +85	°C

Measurement Method (3.6V0-p, 3.1kHz, 50% duty cycle square wave with SPL meter spaced at 5cm)

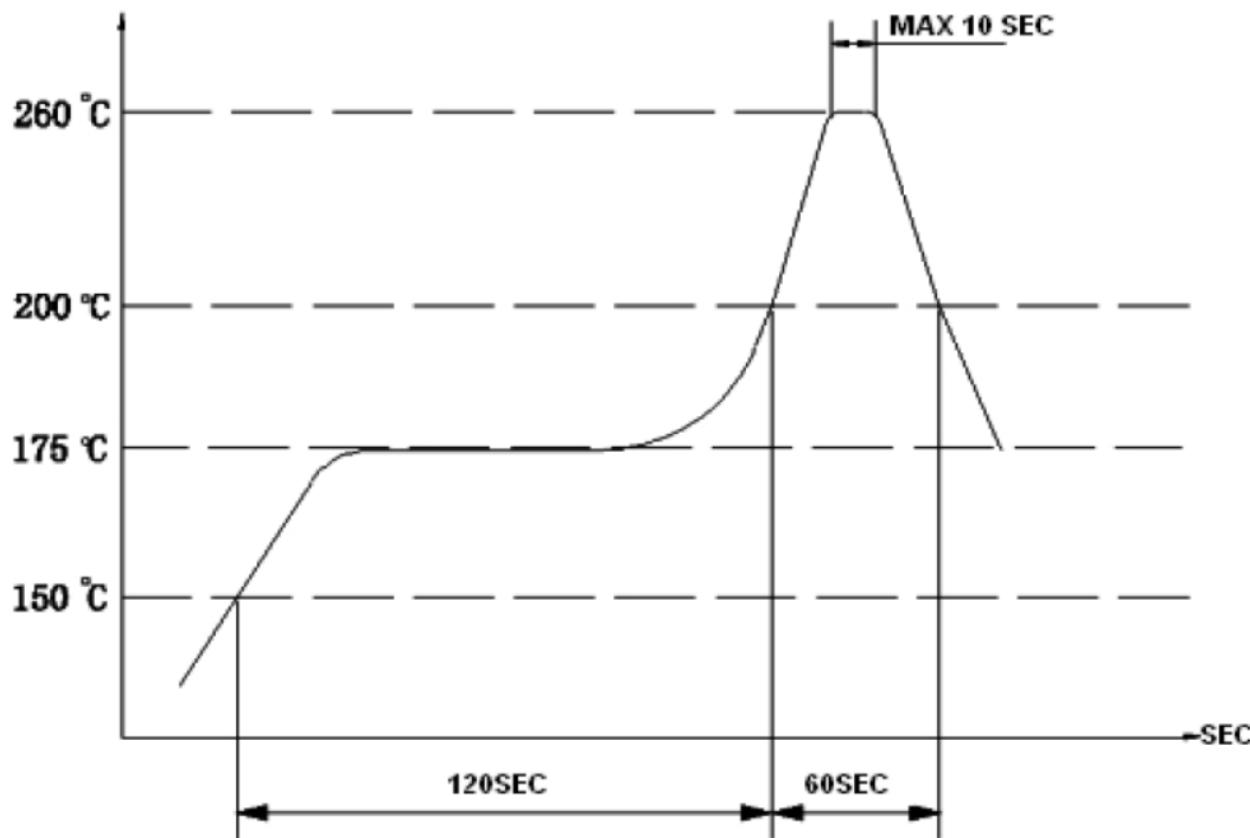


Typical Frequency Response (3.6V0-p square wave with microphone spaced at 5cm)

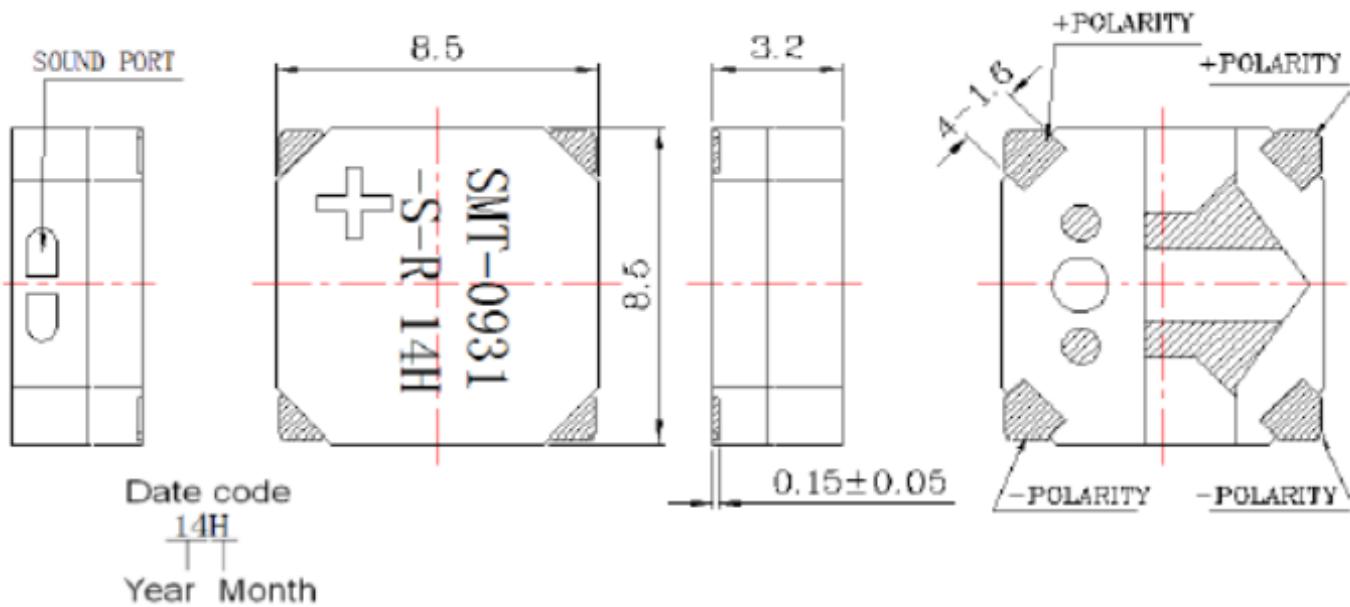


Recommended Reflow Soldering Procedure

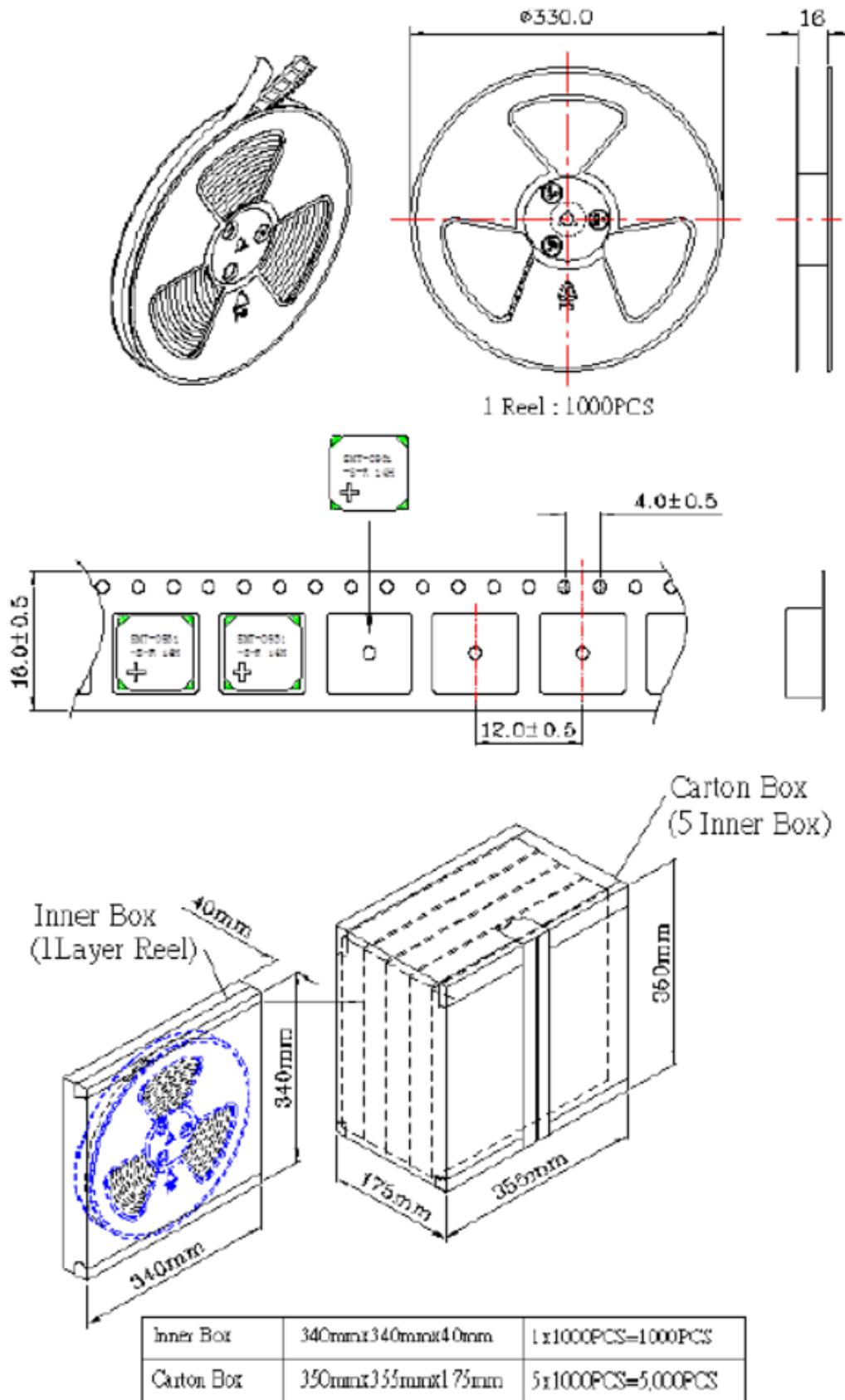
TEMPERATURE



Dimensions (Tolerance is ± 0.5 mm unless stated otherwise)



Packaging



Specifications Revisions

Revision	Description	Date	Approved
-	Released from Engineering	07/31/2014	BR
A	Revised Operating Temperature	12/14/2020	ML
B	Add MSL 2A	02/14/2025	ML

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.