



PUIaudio



Data Sheet

SMT-2240-TW-2-R

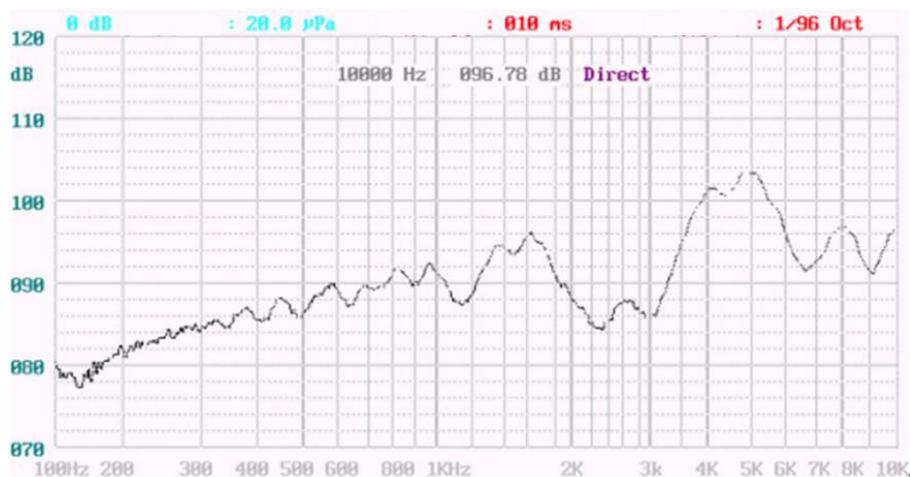
Features:

- **SMD Piezo Transducer 22mm**
- **12Vpp, 4kHz**
- **Reflow Allowed**

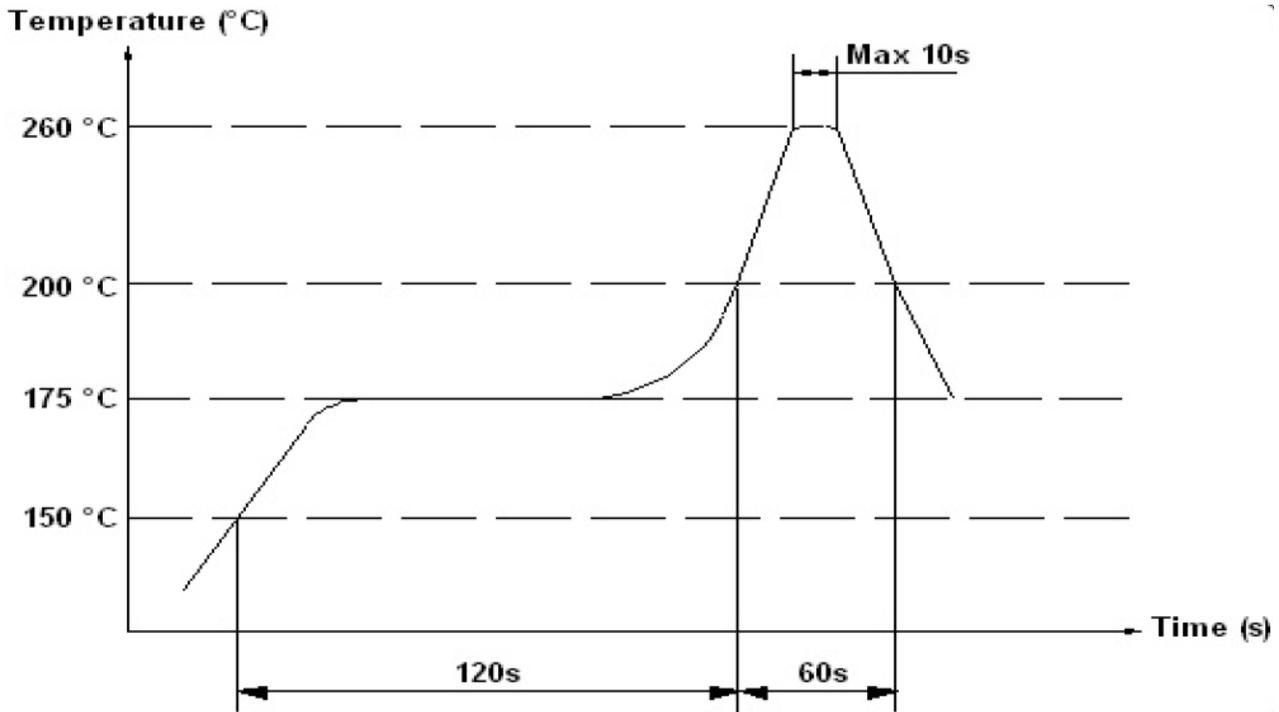
Specifications

Parameters	Values	Units
Rated Voltage	12	Vp-p
Operating Voltage Range	1 ~ 30	Vp-p
Current Draw at Rated Voltage	5 (Max.)	mA
Capacitance (100Hz)	19,000 ± 30%	pF
Minimum SPL @ 10cm	90	dBA
Resonant Frequency	4000 ± 500	Hz
Housing Material	PPS	-
Terminal Material	Au-Plated Brass	-
Weight	4	Grams
Acceptable Soldering Methods	Hand Solder, Reflow Solder	See following pages
Environmental Compliances	RoHS/REACH	Ex. 7c-1
Moisture Sensitivity Level (MSL)	2A	-
Storage Temperature	-40 to +85	°C
Operating Temperature	-30 to +70	°C

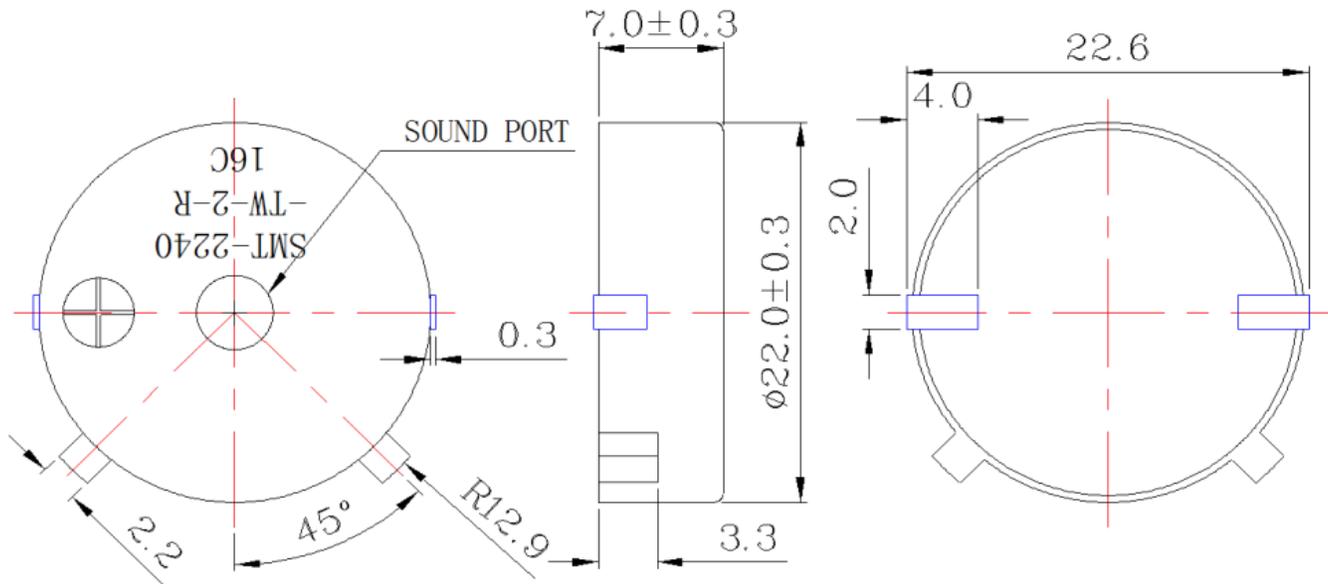
Typical Frequency Response (Square Wave 12Vpp, 4kHz @ 10cm)



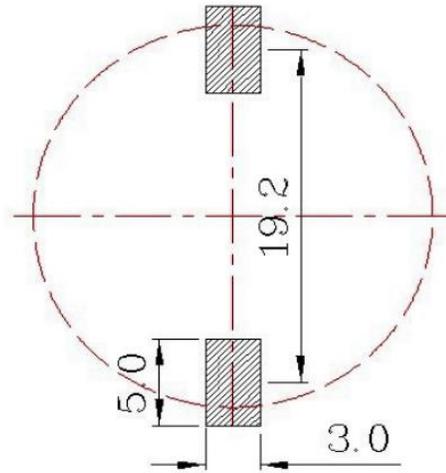
Recommended Soldering Procedure



Dimensions

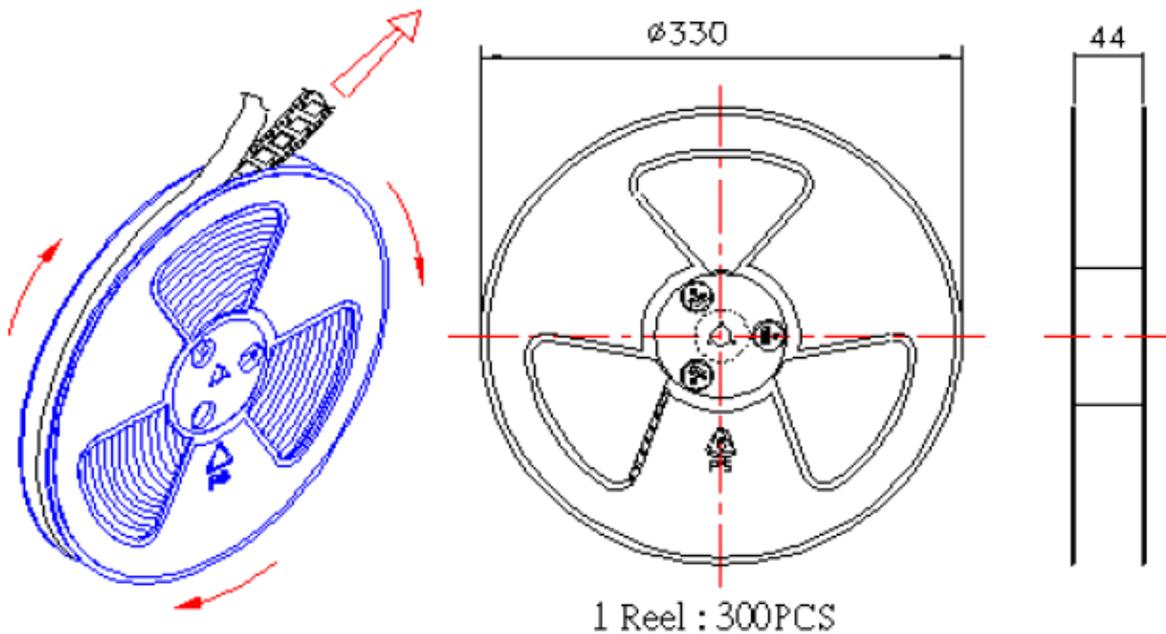


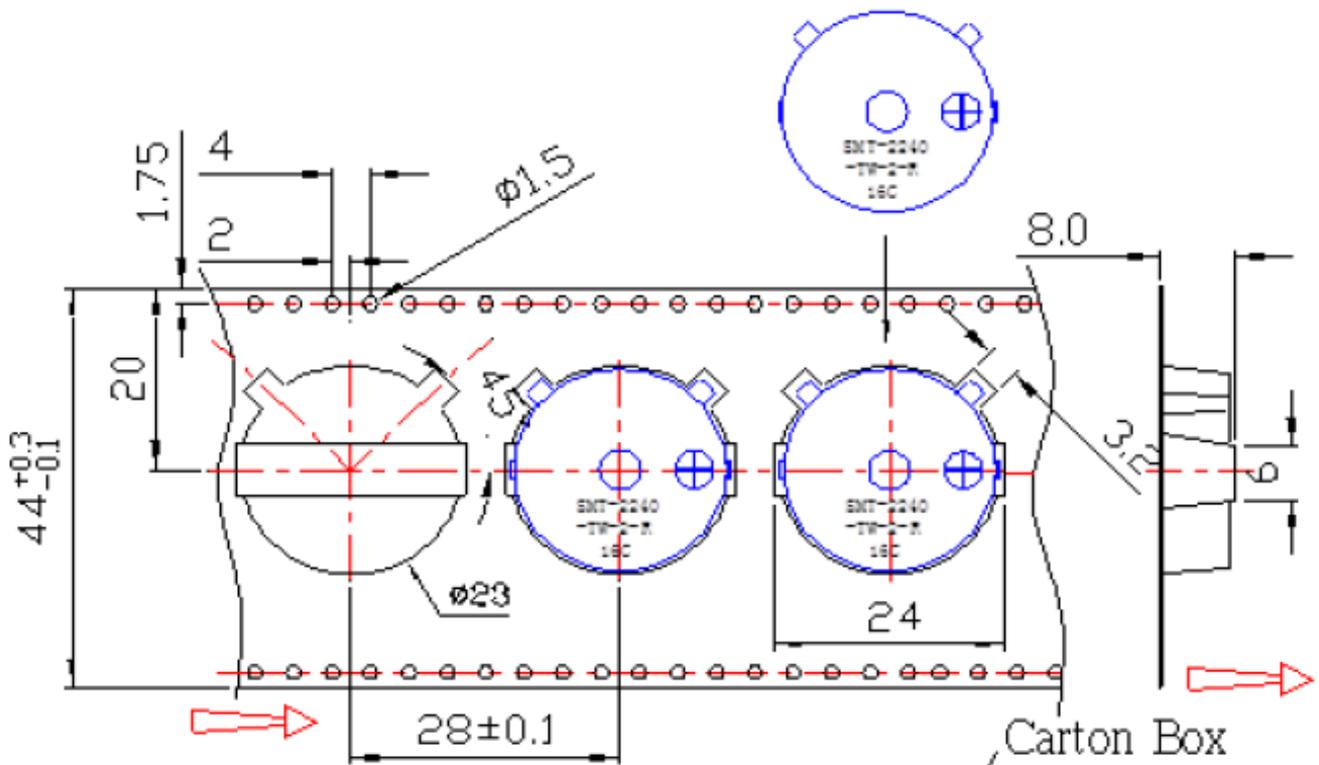
Suggested Land Pattern*



*This land pattern is advisory only and its use or adaptation is entirely voluntary. PUI Audio disclaims all liability of any kind associated with the use, application, or adaptation of this land pattern.

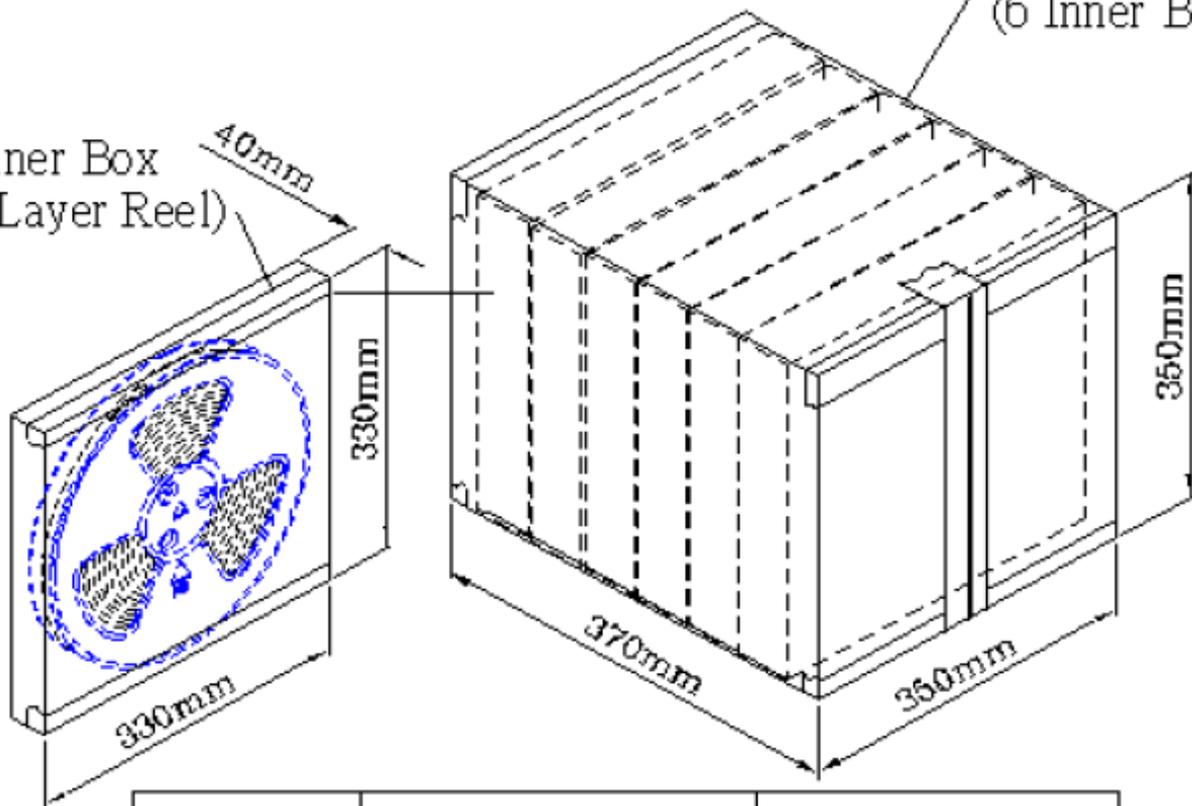
Packaging





Carton Box
(6 Inner Box)

Inner Box
(1 Layer Reel)



Inner Box	$330\text{mm} \times 330\text{mm} \times 40\text{mm}$	$1 \times 300\text{PCS} = 300\text{PCS}$
Carton Box	$350\text{mm} \times 350\text{mm} \times 370\text{mm}$	$6 \times 300\text{PCS} = 1800\text{PCS}$

Specifications Revisions

Revision	Description	Date	Approved
-	Released from Engineering	03/08/2016	-
A	Revised weight and terminal material	03/02/2020	MV
B	Updated Spec Format, Add details for Reflow, Packaging, etc. Add MSL 2A	02/28/2025	ML

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.