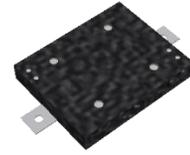




# PUI audio



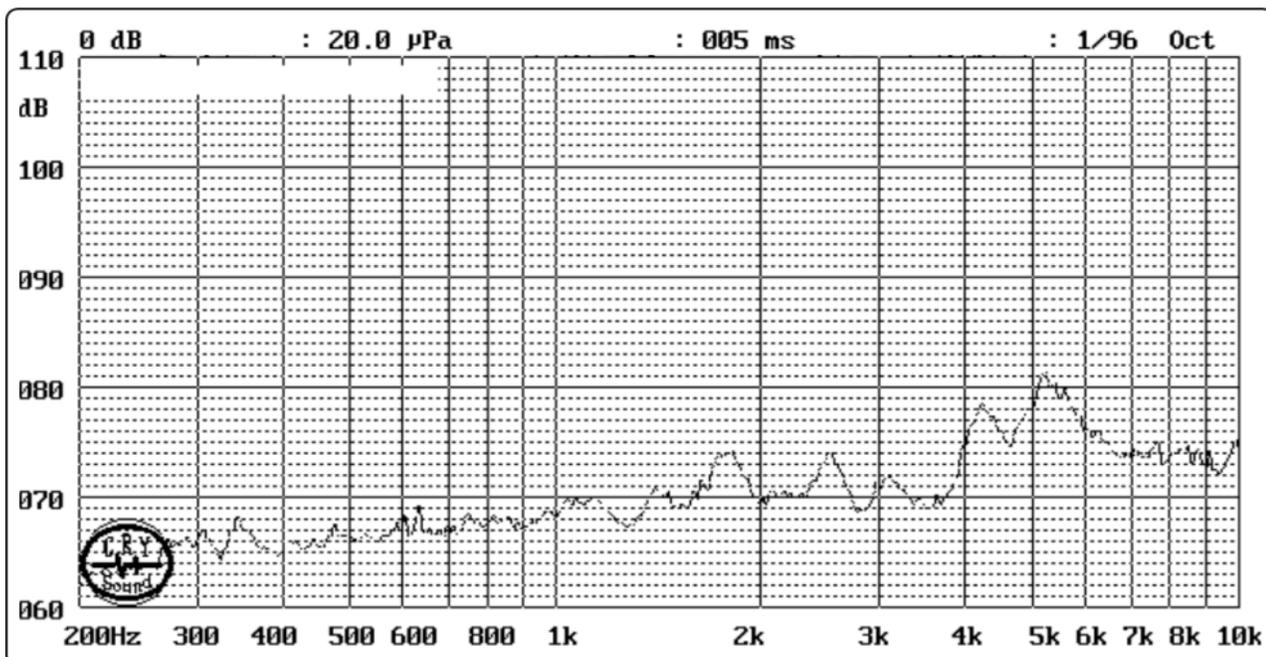
Data Sheet

SMT-1141-T-5-R

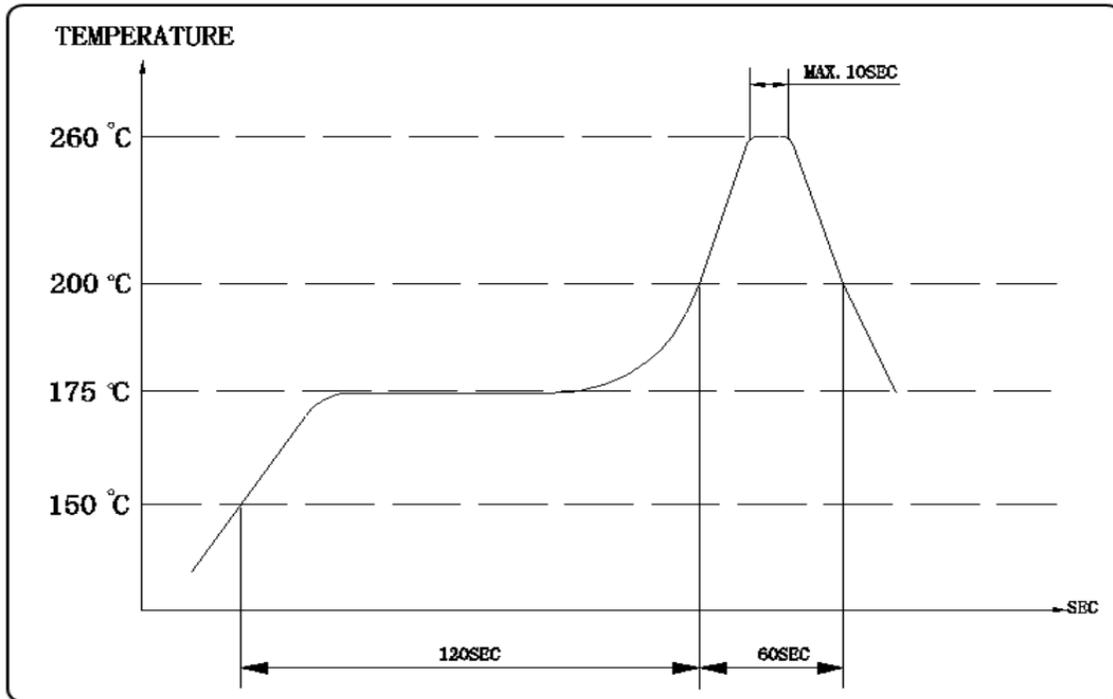
## Specifications

Parameters	Values	Units
Rated Voltage	5	Vp-p
Operating Voltage Range	1 ~ 25	Vp-p
Current Draw at Rated Voltage	2.9 (Max)	mA
Capacitance	12,000 ± 30%	pF
Minimum SPL @ 10cm	73	dBa
Resonant Frequency	4100 ± 500	Hz
Housing Material	LCP	-
Terminal Material	Tin Plated Brass	-
Weight	0.3	Grams
Moisture Sensitivity Level (MSL)	2A	-
Acceptable Soldering Methods	Hand Solder, Reflow Solder	See following pages
Environmental Compliances	RoHS/REACH	Ex. 7c-1
Storage Temperature	-40 to +80	°C
Operating Temperature	-40 to +80	°C

## Typical Response Curve (Square Wave 5Vpp @ 10cm)



## Recommended Reflow Procedure

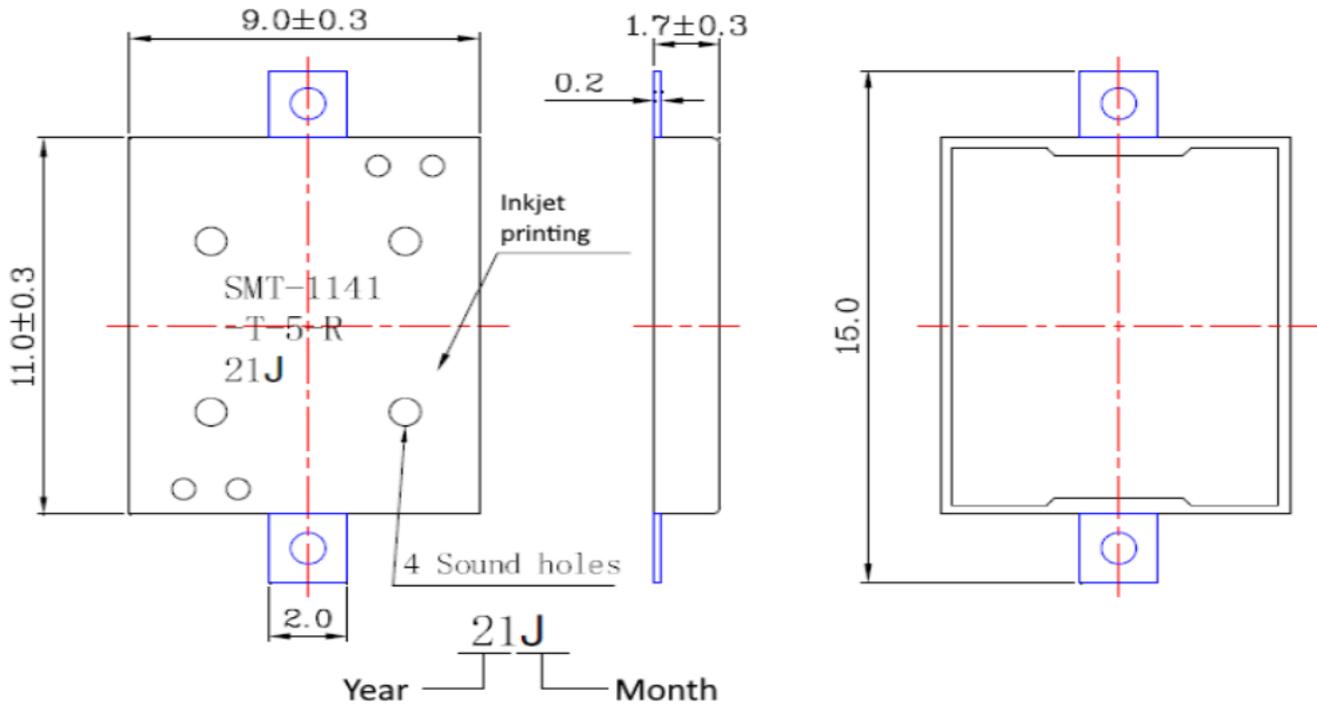


## Reliability Testing

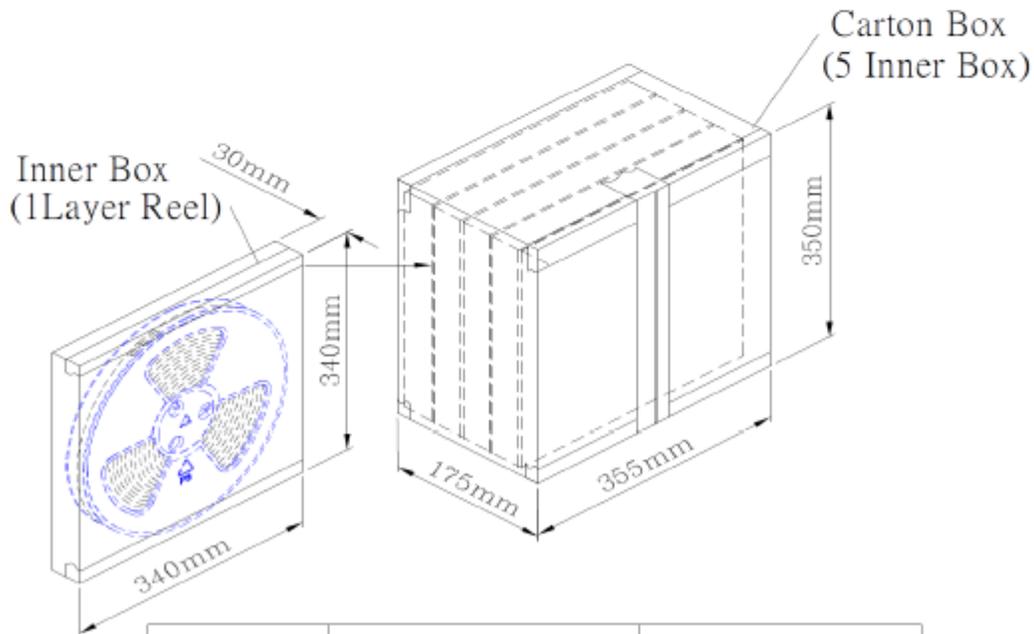
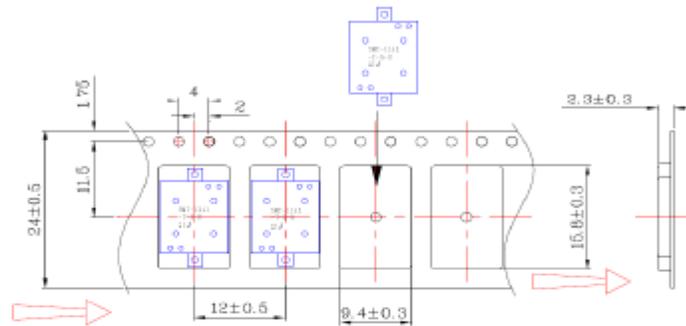
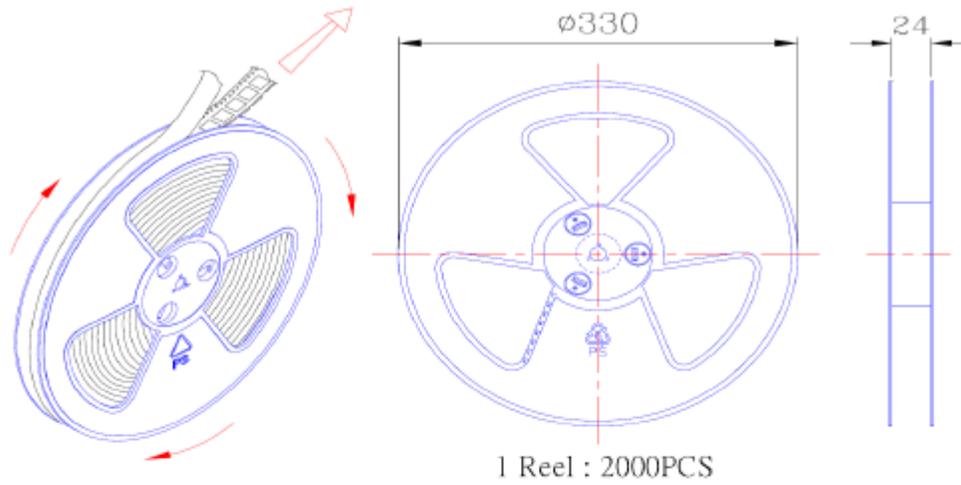
Type of Test	Test Specifications
High Temperature Test	96 hours at 80°C. Rest for 2 hours.
Low Temperature Test	96 hours at -40°C. Rest for 2 hours.
Humidity Test	96 hours at 40°C with relative humidity at 95%. Rest for 2 hours.

**Part shall be within specification.**

## Dimensions



## Packaging



Inner Box	340mmx340mmx30mm	1x2000PCS=2000PCS
Carton Box	350mmx355mmx175mm	5x2000PCS=10,000PCS

**Specifications Revisions**

<b>Revision</b>	<b>Description</b>	<b>Date</b>	<b>Approved</b>
-	Released from Engineering	06/02/2016	-
A	Revised reel design to use open square pocket with part turned 90° starting with date code 17F	05/25/2017	MV
B	Updated Spec Format, Add details for Packaging, Reliability, etc., Add MSL 2A	05/01/2025	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.