

MODEL: CMT-1075-SMT-TR | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- washable
- low current
- externally driven


SPECIFICATIONS

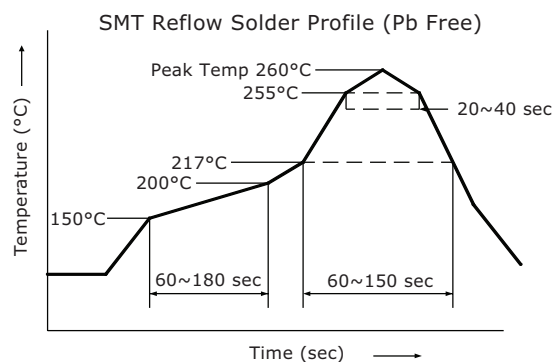
parameter	conditions/description	min	typ	max	units
operating voltage				25	Vp-p
current consumption	at 5 Vp-p, 5,200 Hz square wave			5	mA
rated frequency			5,200		Hz
sound pressure level	at 10 cm, 5 Vp-p, 5,200 Hz square wave	75			dB
electrostatic capacity	at 100 Hz/1 V	7,700	11,000	14,300	pF
dimensions	∅10 x 3.1				mm
weight				0.3	g
material	LCP (black)				
terminal	SMT type (Au plating)				
operating temperature		-20		70	°C
storage temperature		-30		80	°C
RoHS	yes				

Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

SOLDERABILITY

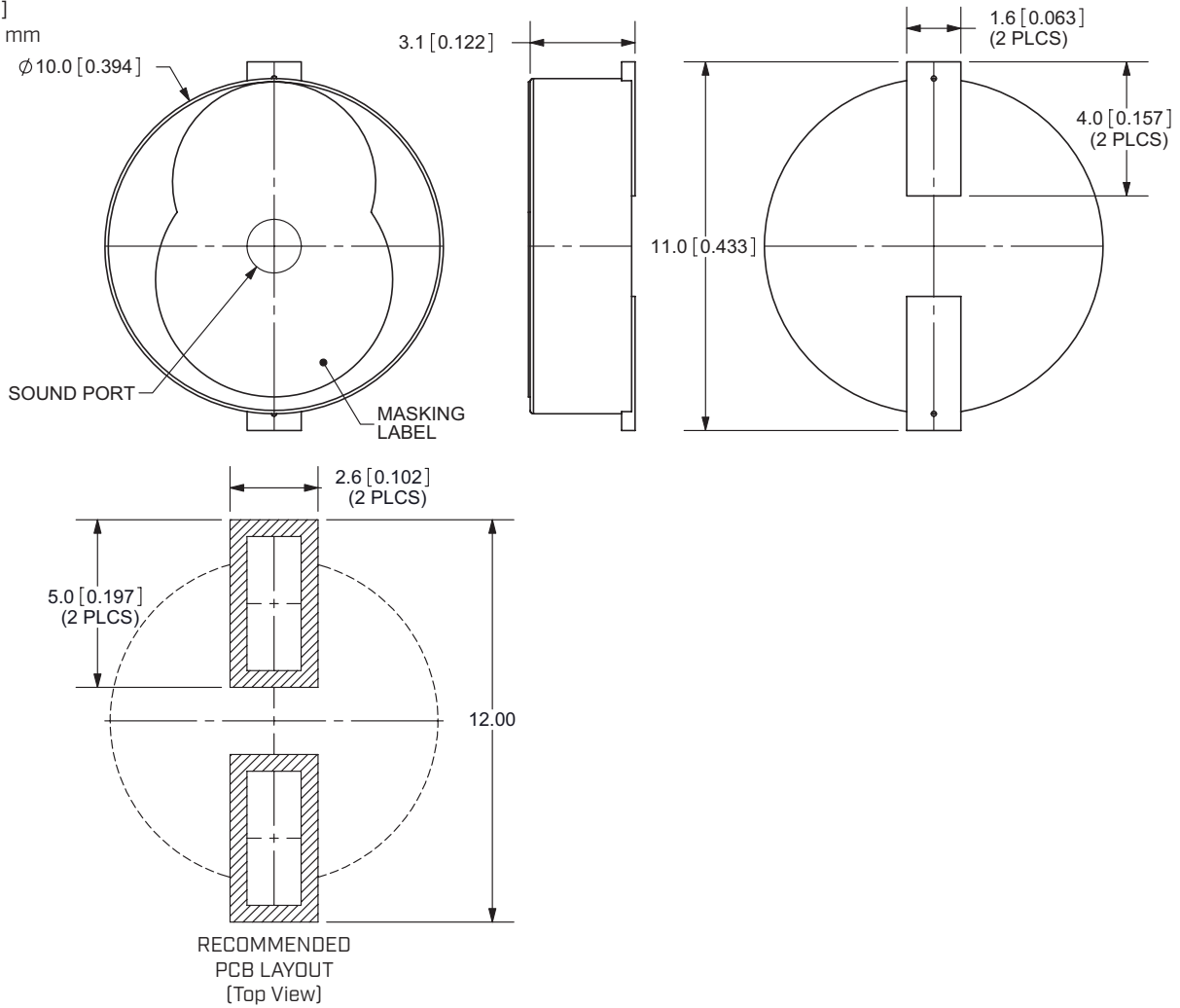
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering ²	see recommended reflow soldering profile			260	°C
drying conditions ³	bake at 40°C for 24 hours				

Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
3. When out of packaging for more than 48 hours.

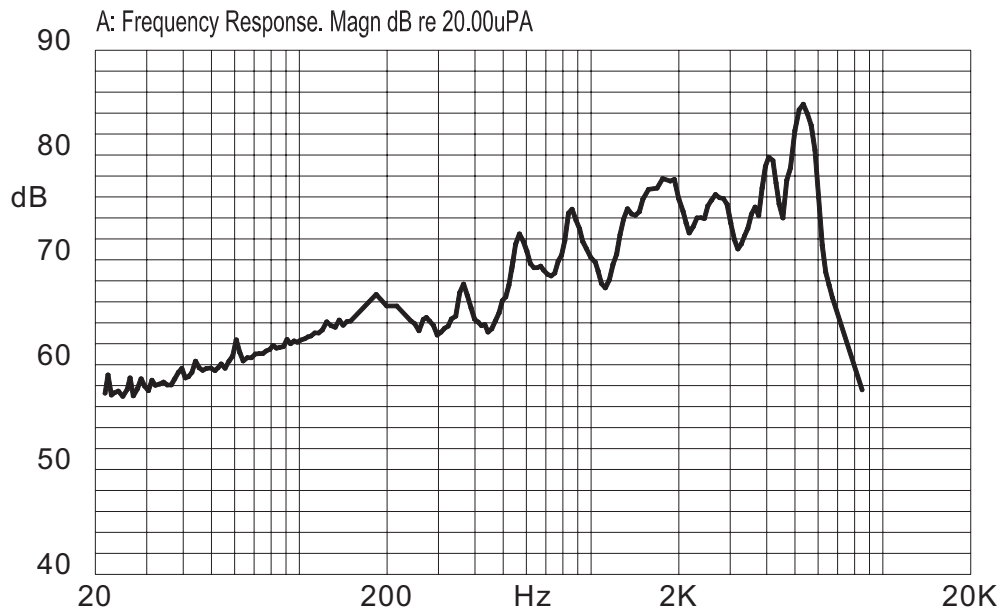


MECHANICAL DRAWING

units: mm[inch]
tolerance: ±0.5 mm



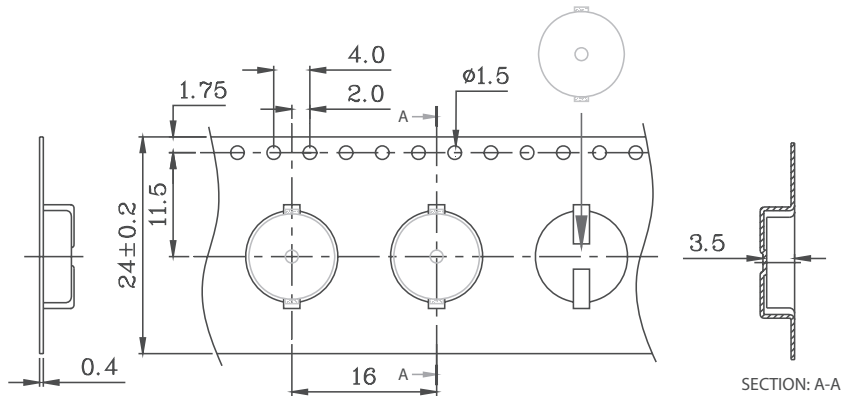
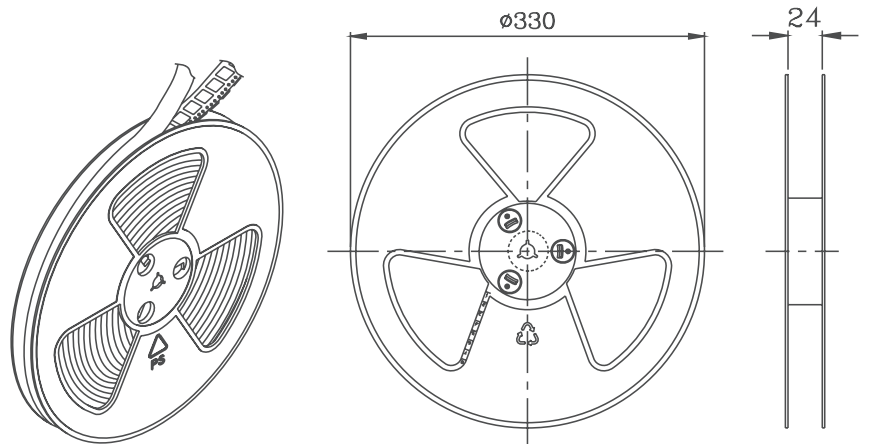
FREQUENCY RESPONSE CURVE



PACKAGING

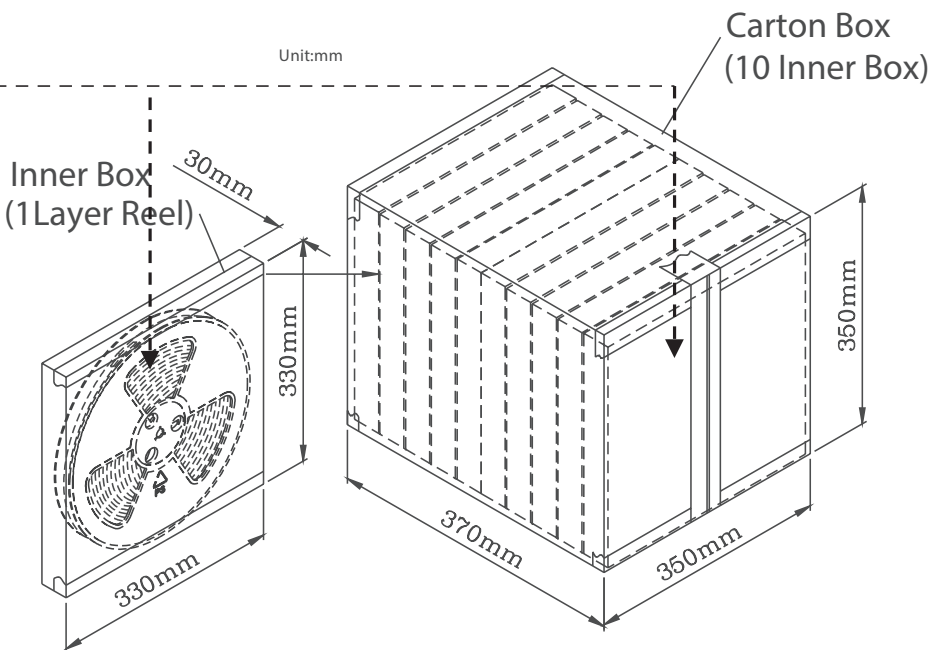
units: mm

Reel Size: $\varnothing 330$ mm
 Inner Box Size: 330 x 330 x 30 mm
 Carton Size: 370 x 350 x 350 mm
 Reel QTY: 800 pcs per reel
 Carton QTY: 8,000 pcs per carton



Unit:mm

Lot No.	XXXXXXXXXX
Model No.	XXXXXXXXXX
Quantity.	XXXX Pcs
Date:	DD MM YY
	MADE IN CHINA



* The label sticked on inner boxes and the outer of carton.

REVISION HISTORY

rev.	description	date
1.0	initial release	07/13/2010
1.01	updated part number, added TR package option, applied new spec template	05/03/2013
1.02	added storage and drying conditions, and tape and reel packaging details	07/25/2019
1.03	brand update	01/03/2020
1.04	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



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