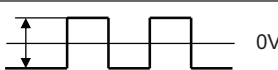


**MODEL:** CPT-2207-84T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- through hole
- SPL 84 dB
- piezo
- externally driven

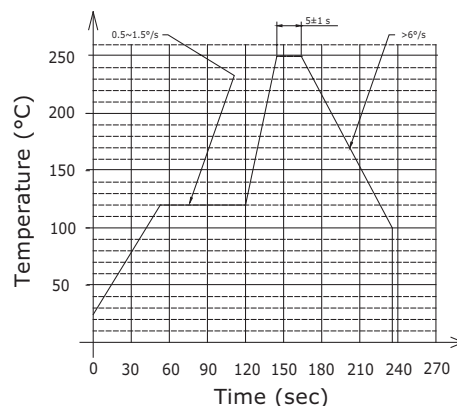
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	$V_{p-p}$ 		10		Vp-p
operating voltage		1		30	Vp-p
current consumption	at rated voltage, 4,000 Hz, 1/2 duty square wave			6	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, 1/2 duty square wave	84			dB
electrostatic capacitance	at 120 Hz	10,500	15,000	19,500	pF
dimensions	Ø22.0 x 7.0				mm
weight			2.0		g
material	NORYL				
terminal	pins (phosphor bronze with gold plating)				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	yes				

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

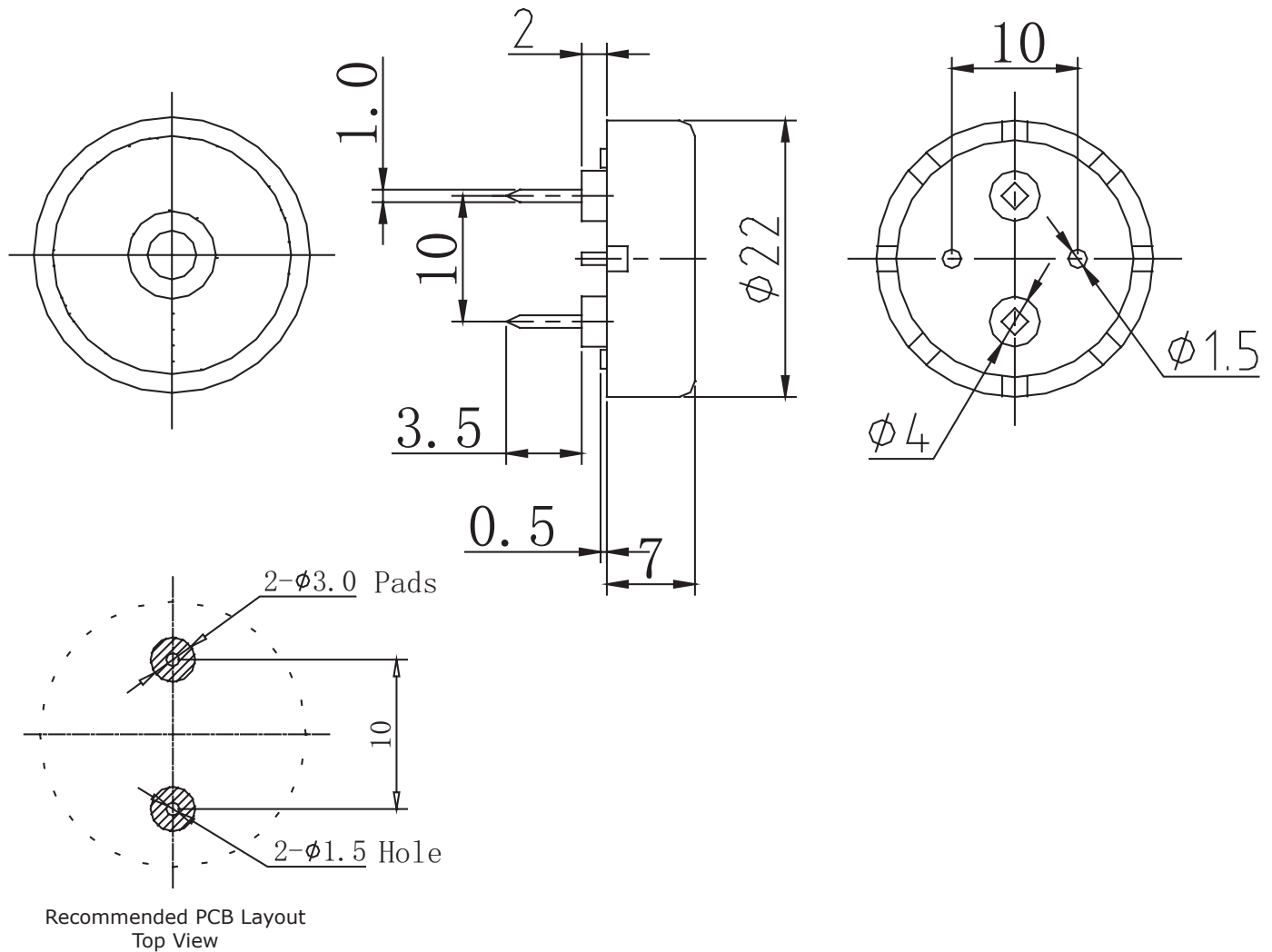
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			250	°C

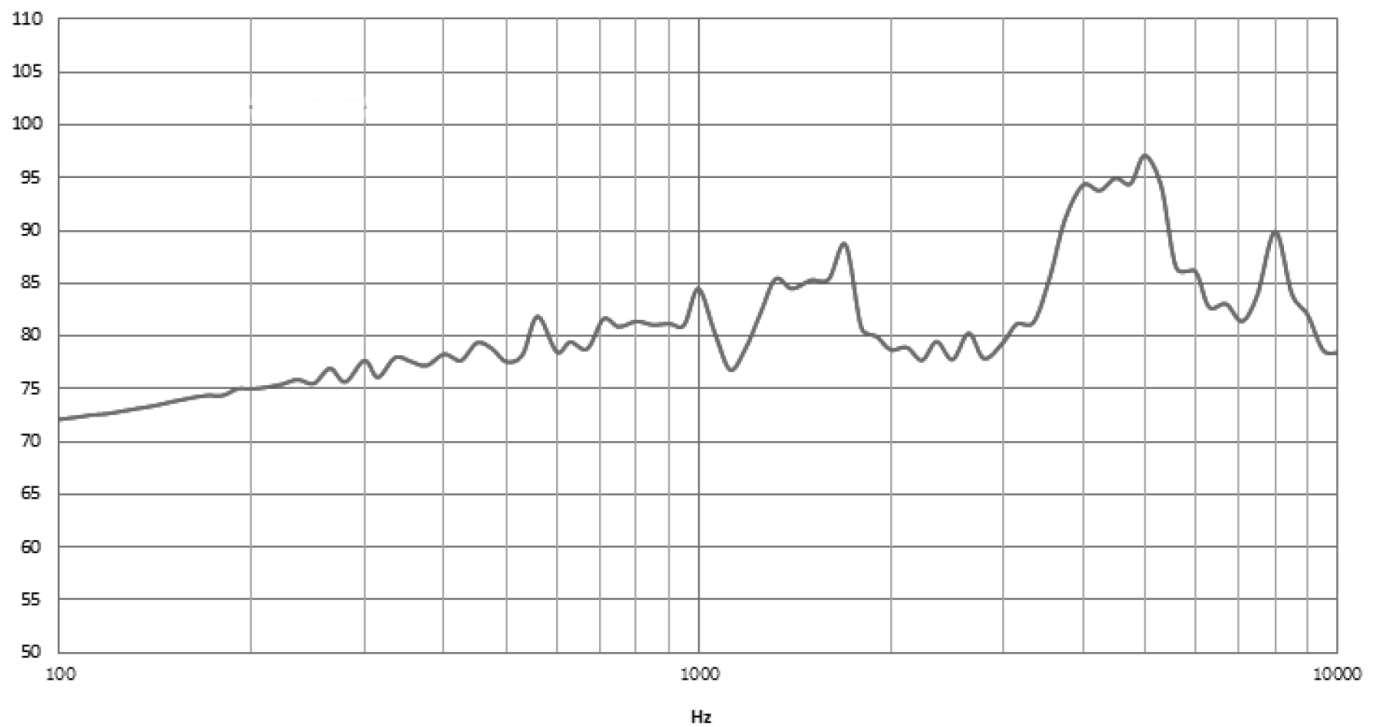


## MECHANICAL DRAWING

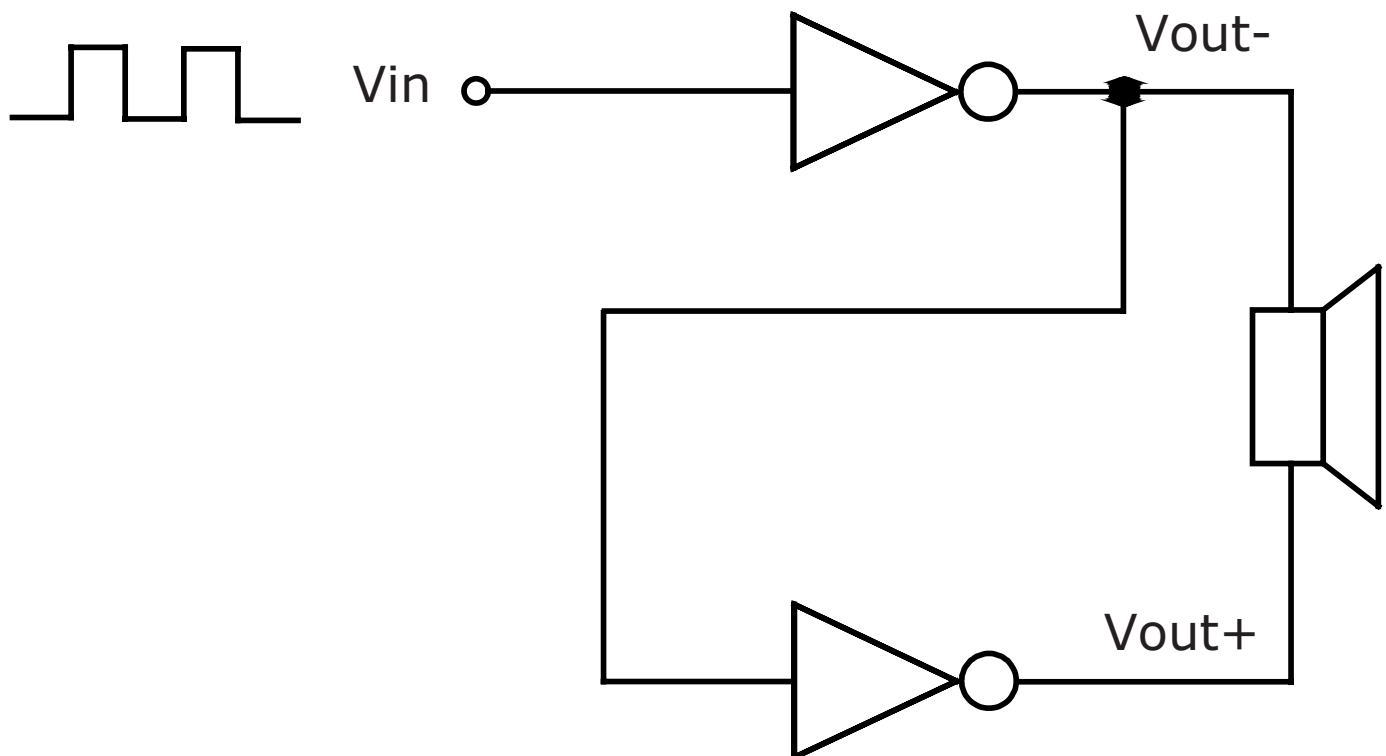
units: mm

tolerance:  $\pm 0.5$  mm

## FREQUENCY RESPONSE CURVE



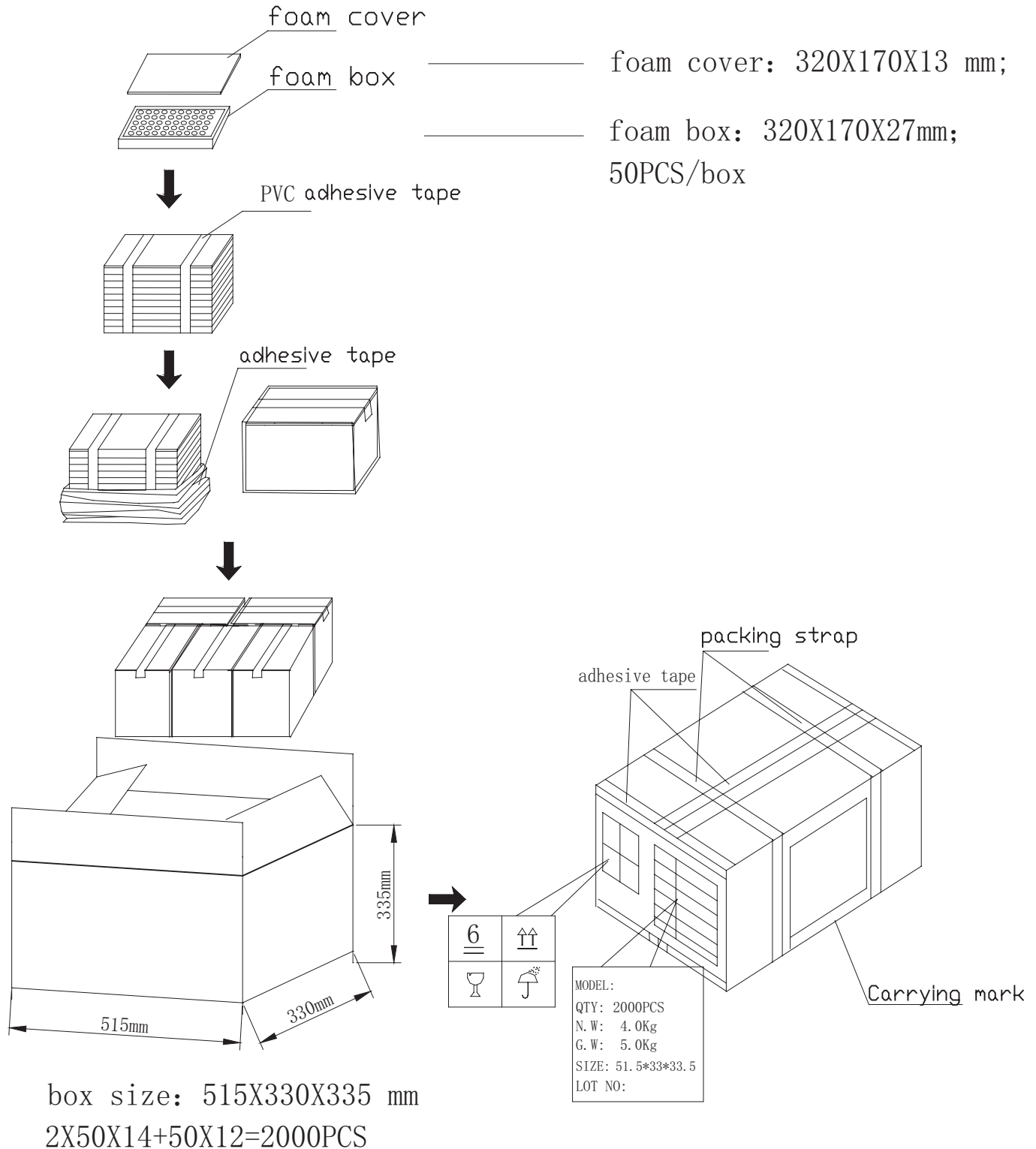
## APPLICATION CIRCUIT



## PACKAGING

units: mm

Carton Size: 515 x 330 x 335 mm  
Carton QTY: 2,000 pcs per carton



## REVISION HISTORY

rev.	description	date
1.0	initial release	07/16/2019
1.01	brand update	01/03/2020

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

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