

MODEL: CMT-2512-585T | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- through hole
- SPL 85 dB
- magnetic
- externally driven

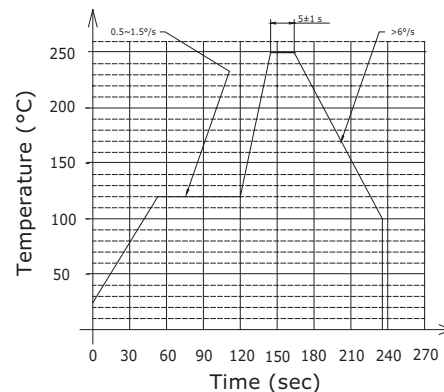
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			5.0		Vo-p
operating voltage		3.0		7.0	Vo-p
current consumption	at rated voltage, 800 Hz, 1/2 duty square wave			80	mA
rated frequency			800		Hz
sound pressure level	at 10 cm, rated voltage, 800 Hz, 1/2 duty square wave	85			dB
coil resistance		26	30	34	Ω
dimensions	$\varnothing 25.0 \times 12.5$				mm
weight			10		g
material	NORYL				
terminal	pins (red copper with tin plating)				
operating temperature		-30		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

Notes: 1. All specifications measured at $25 \pm 3^{\circ}\text{C}$, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

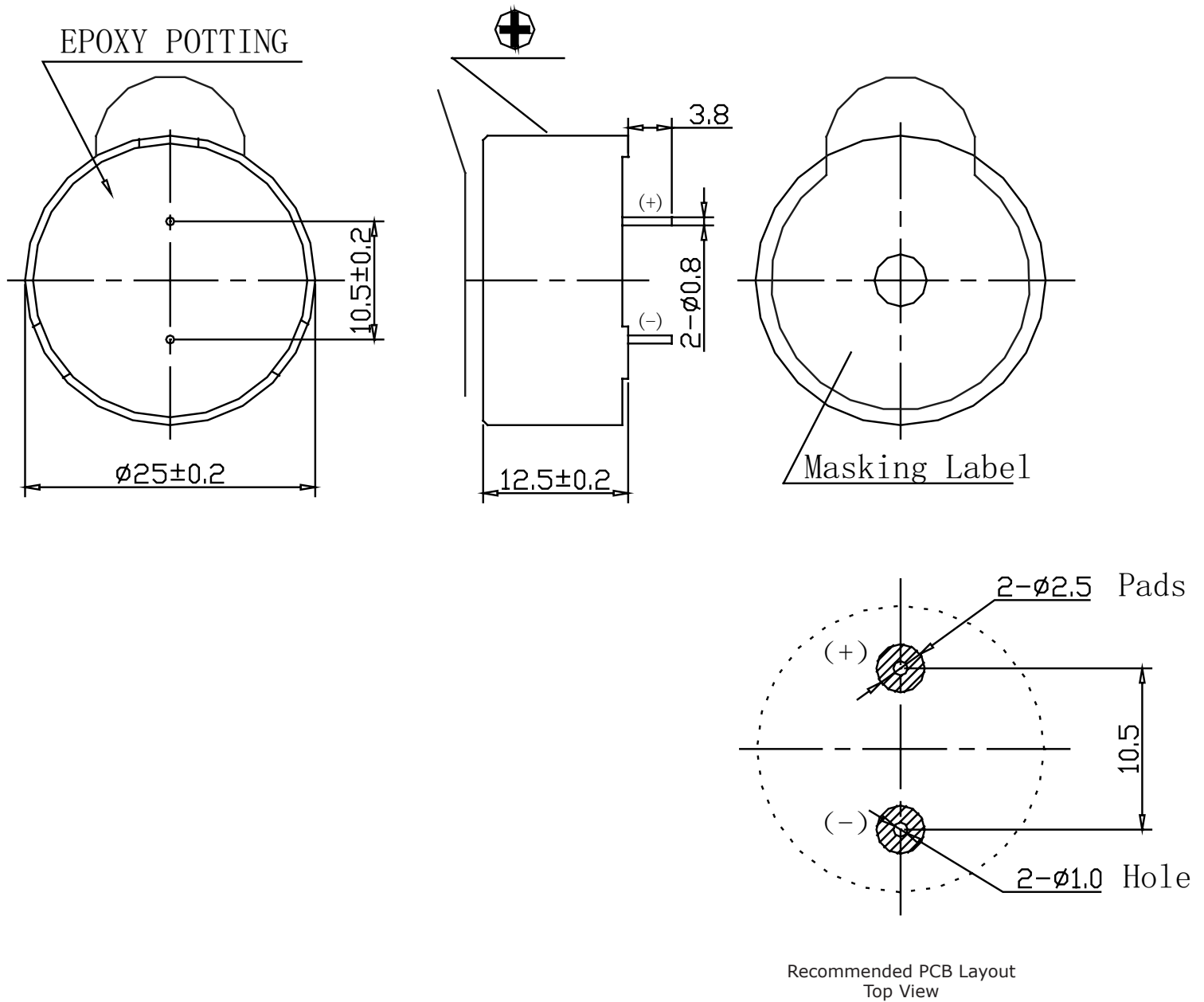
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			250	$^{\circ}\text{C}$

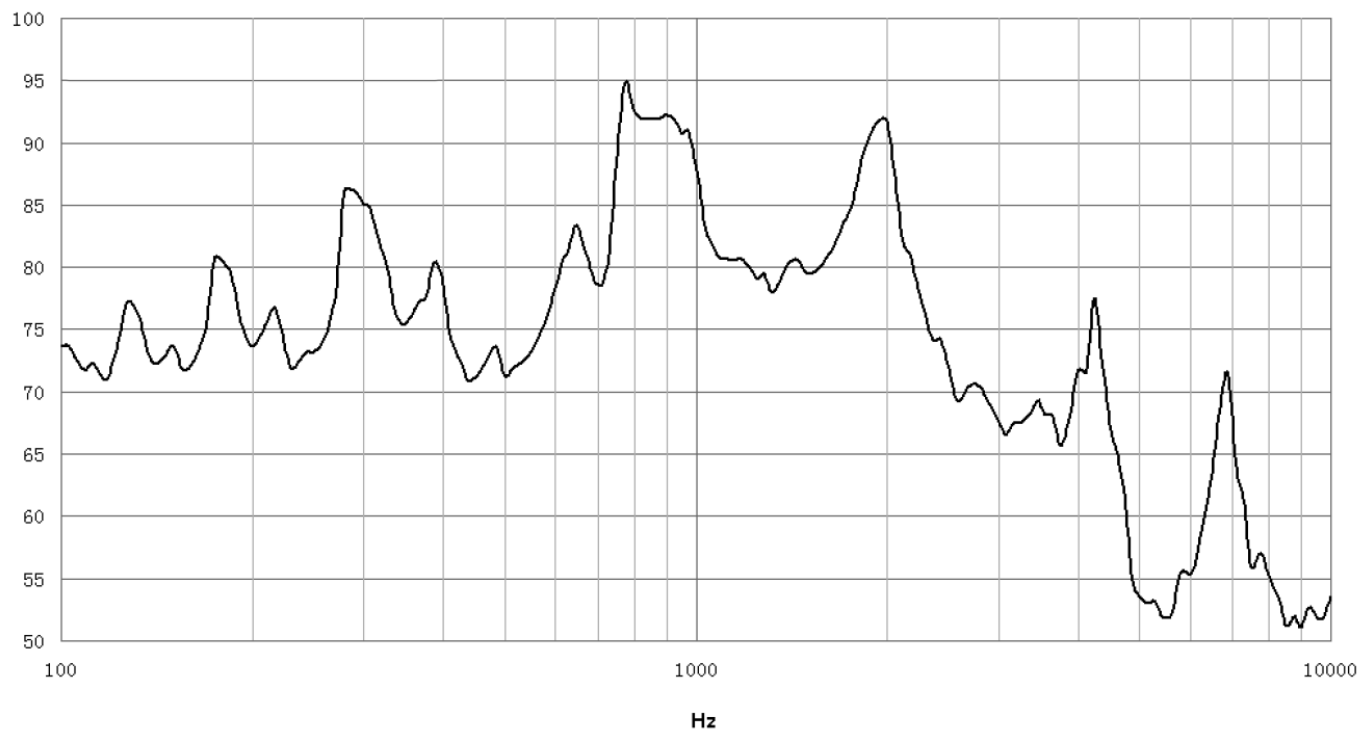


MECHANICAL DRAWING

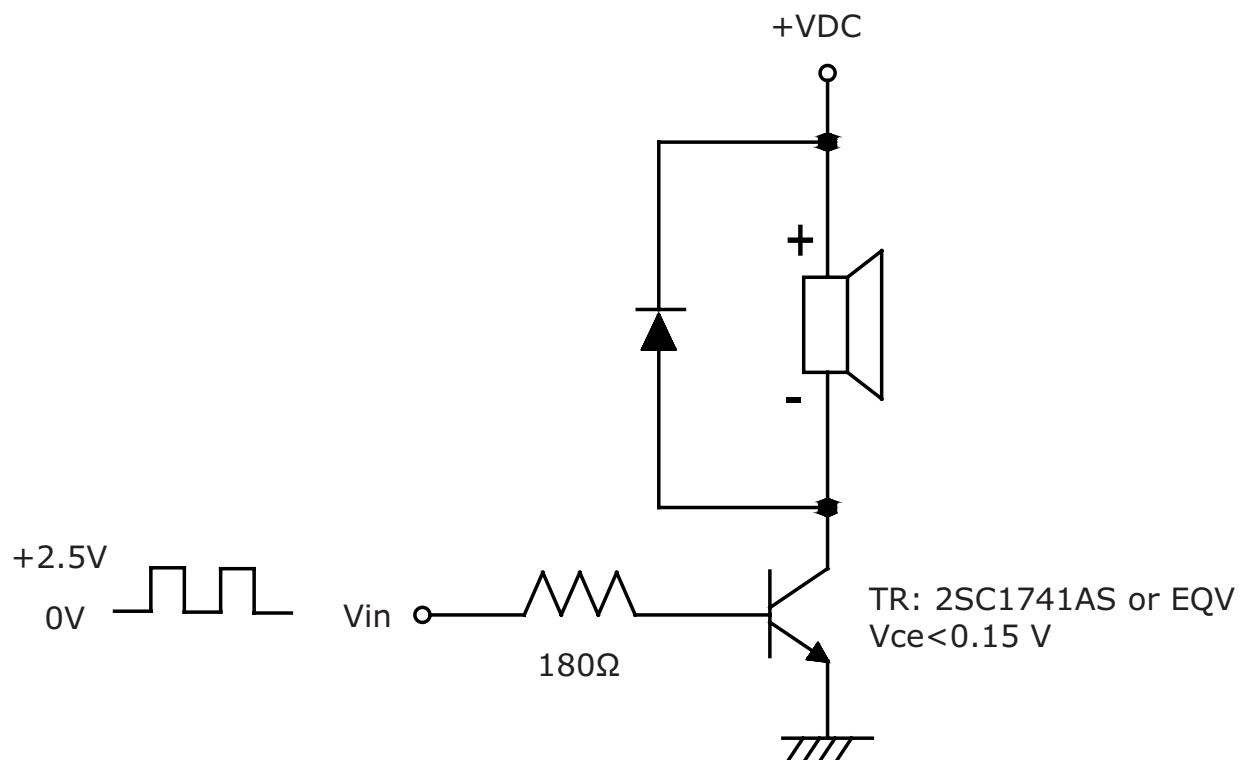
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



APPLICATION CIRCUIT

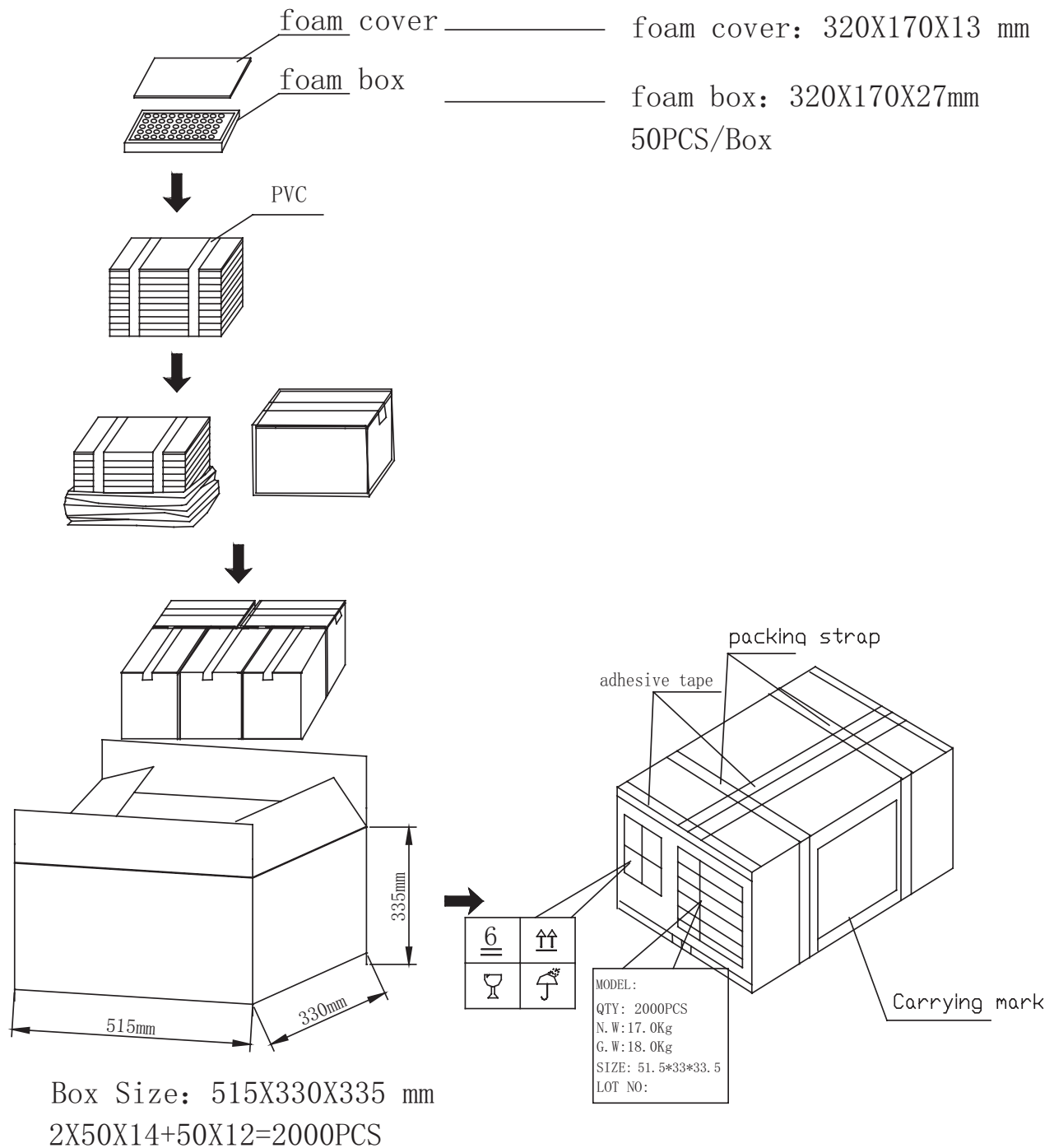


PACKAGING

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	07/12/2019
1.01	brand update	12/18/2019

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

CUI DEVICES

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