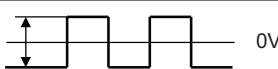



MODEL: CPT-1368-80WT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- through hole
- 80 dB
- externally driven

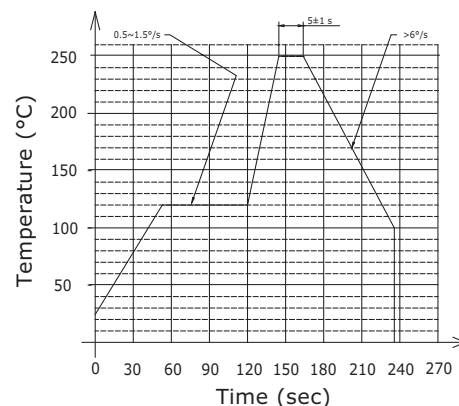

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	V_{p-p} 		10		Vp-p
operating voltage		1		20	Vp-p
current consumption	at rated voltage, 4,000 Hz, 1/2 duty square wave			3	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, 1/2 duty square wave	80			dB
electrostatic capacitance	at 120 Hz	9,100	13,000	16,900	pF
dimensions	Ø13.8 x 6.8				mm
weight			1.0		g
material	NORYL				
terminal	pins (red copper 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.

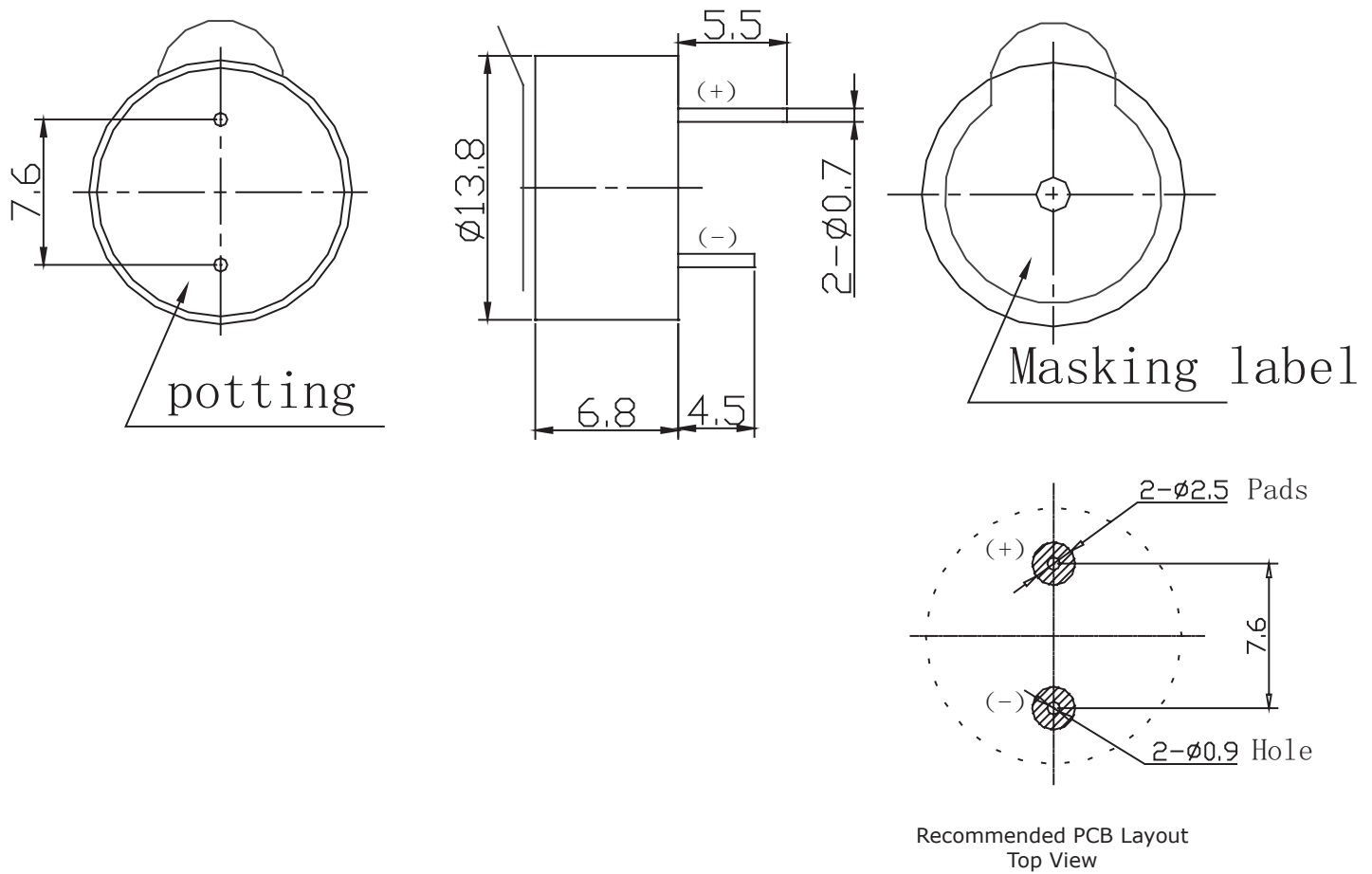
SOLDERABILITY

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

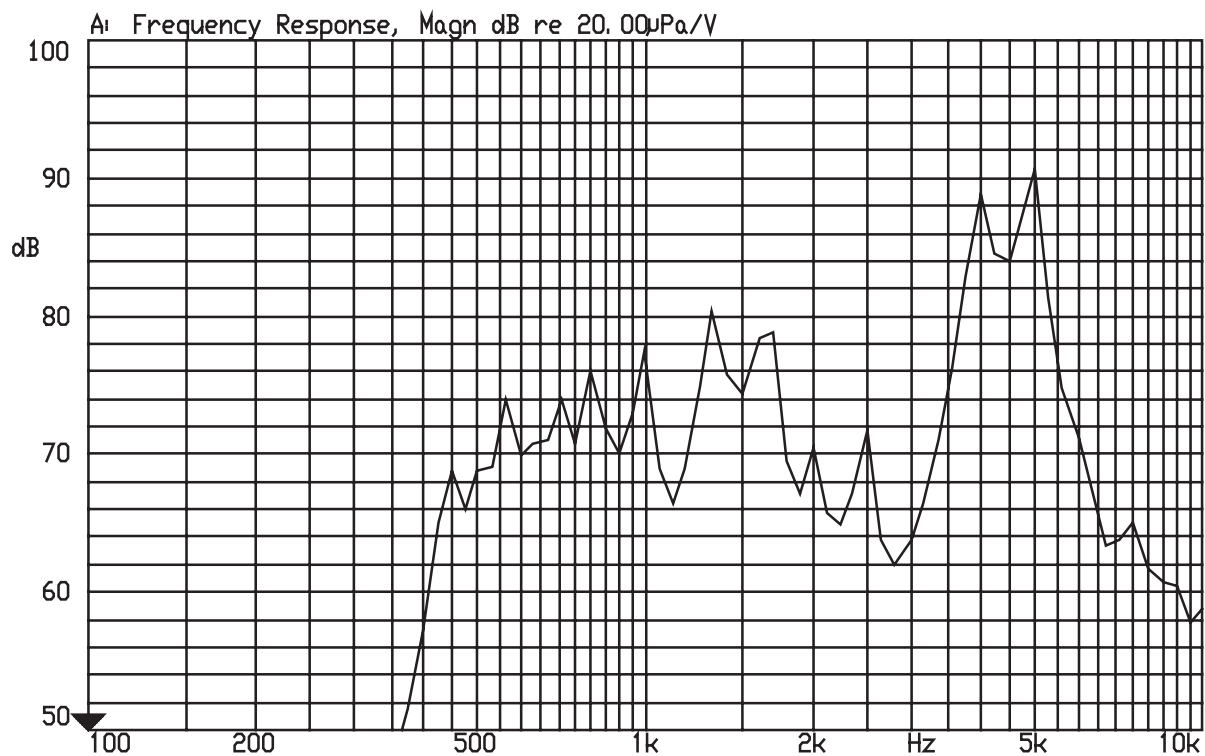


MECHANICAL DRAWING

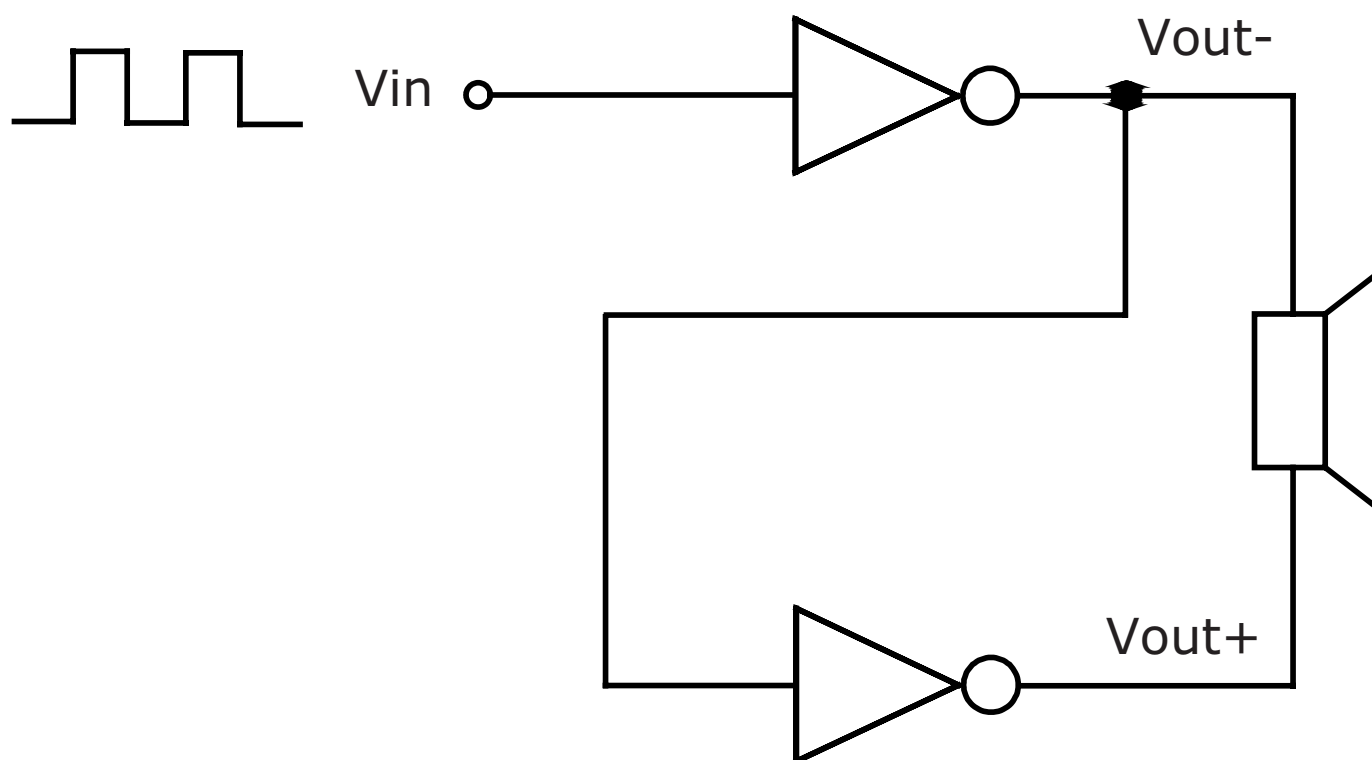
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



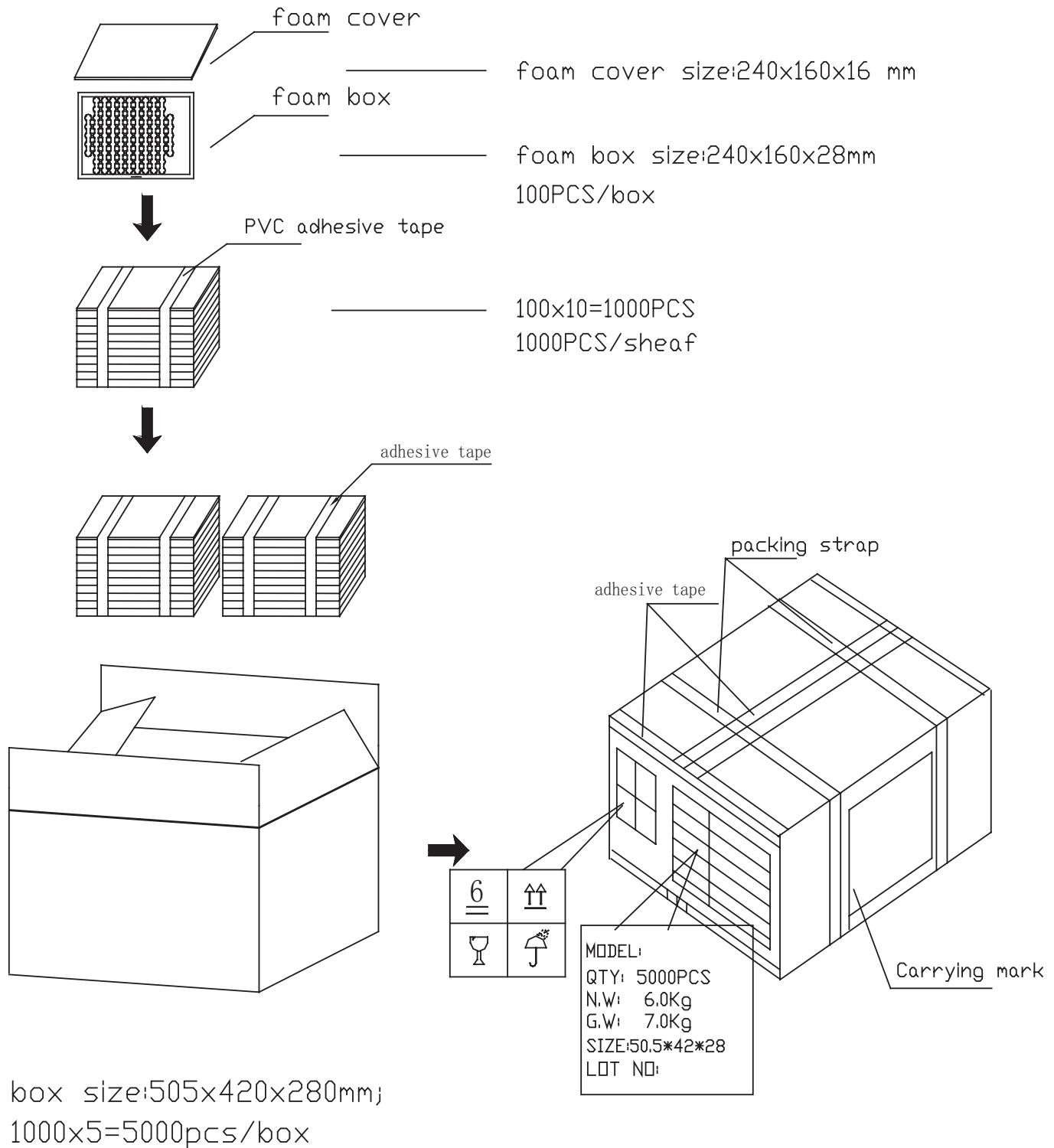
APPLICATION CIRCUIT



PACKAGING

units: mm

Carton Size: 505 x 420 x 280 mm
Carton QTY: 5,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/10/2019

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

**CUI INC[®]**

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.