CUDEVICES

MODEL: CPT-1667-85T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

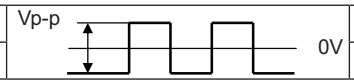
FEATURES

- through hole
- 85 dB
- piezo
- externally driven



RoHS

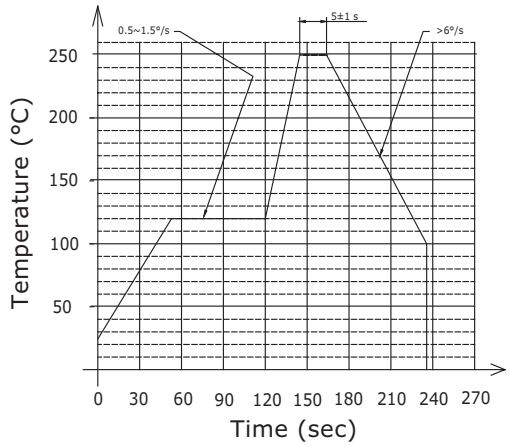
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vp-p
operating voltage		1		18	Vp-p
current consumption	at rated voltage, 4,000 Hz, ½ duty square wave			10	mA
rated frequency		3,500	4,000	4,500	Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave	85			dB
electrostatic capacitance	at 120 Hz	10,500	15,000	19,500	pF
dimensions	Ø16.5 x 6.7				mm
weight			3.0		g
material	NORYL				
terminal	pins (beryllium bronze)				
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.

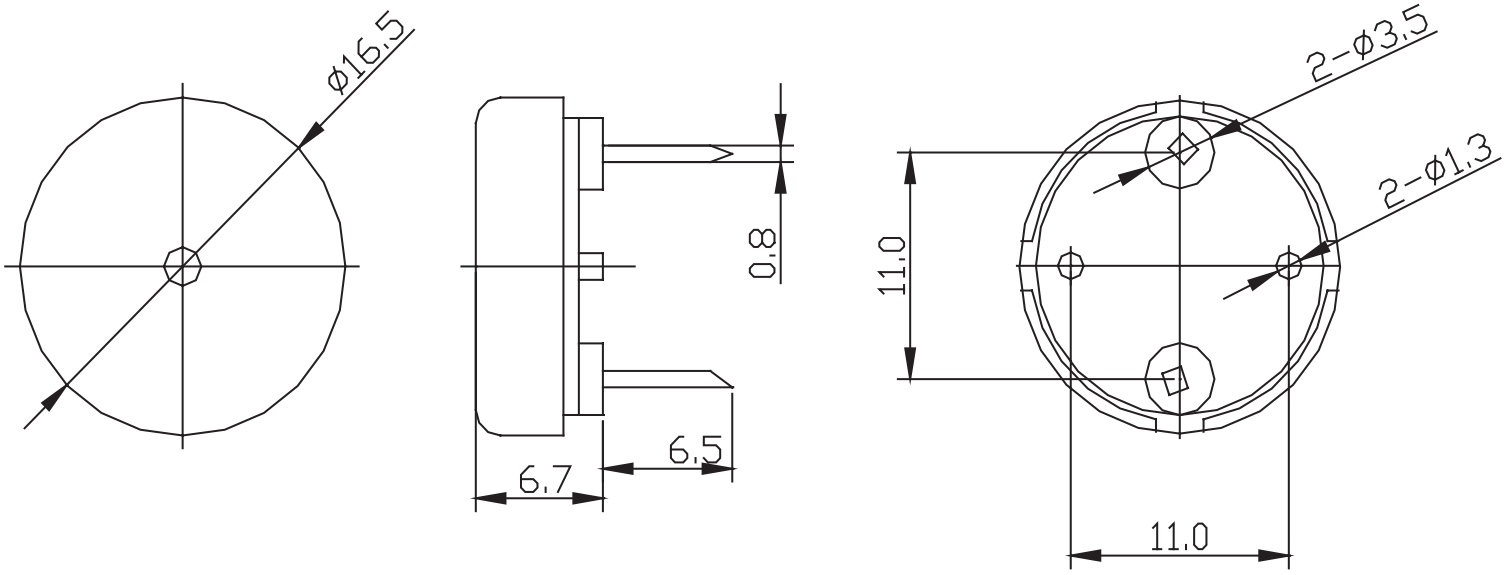
SOLDERABILITY

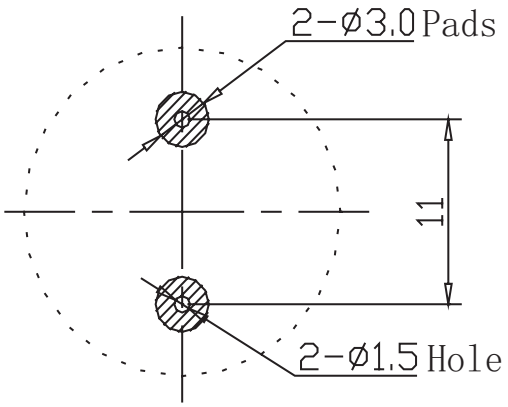
parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			250	°C



MECHANICAL DRAWING

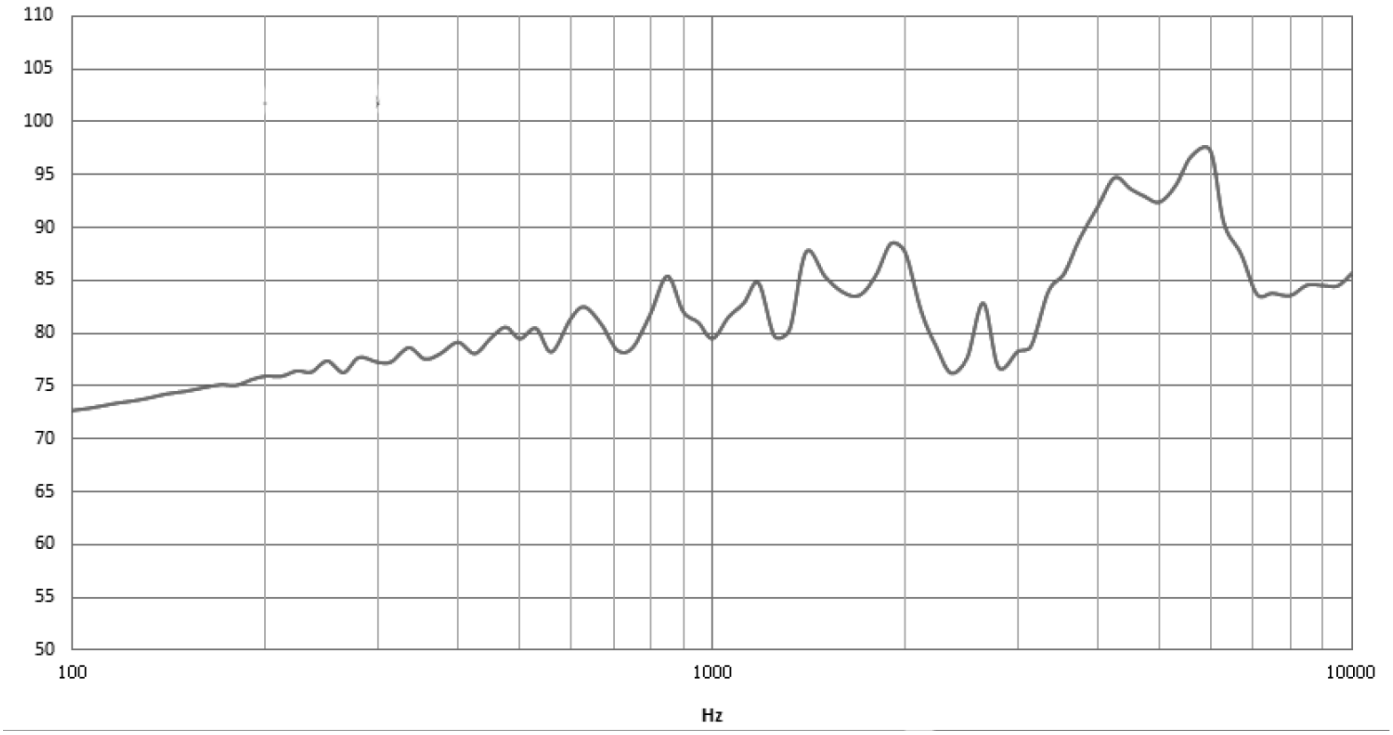
units: mm
tolerance: ±0.5 mm



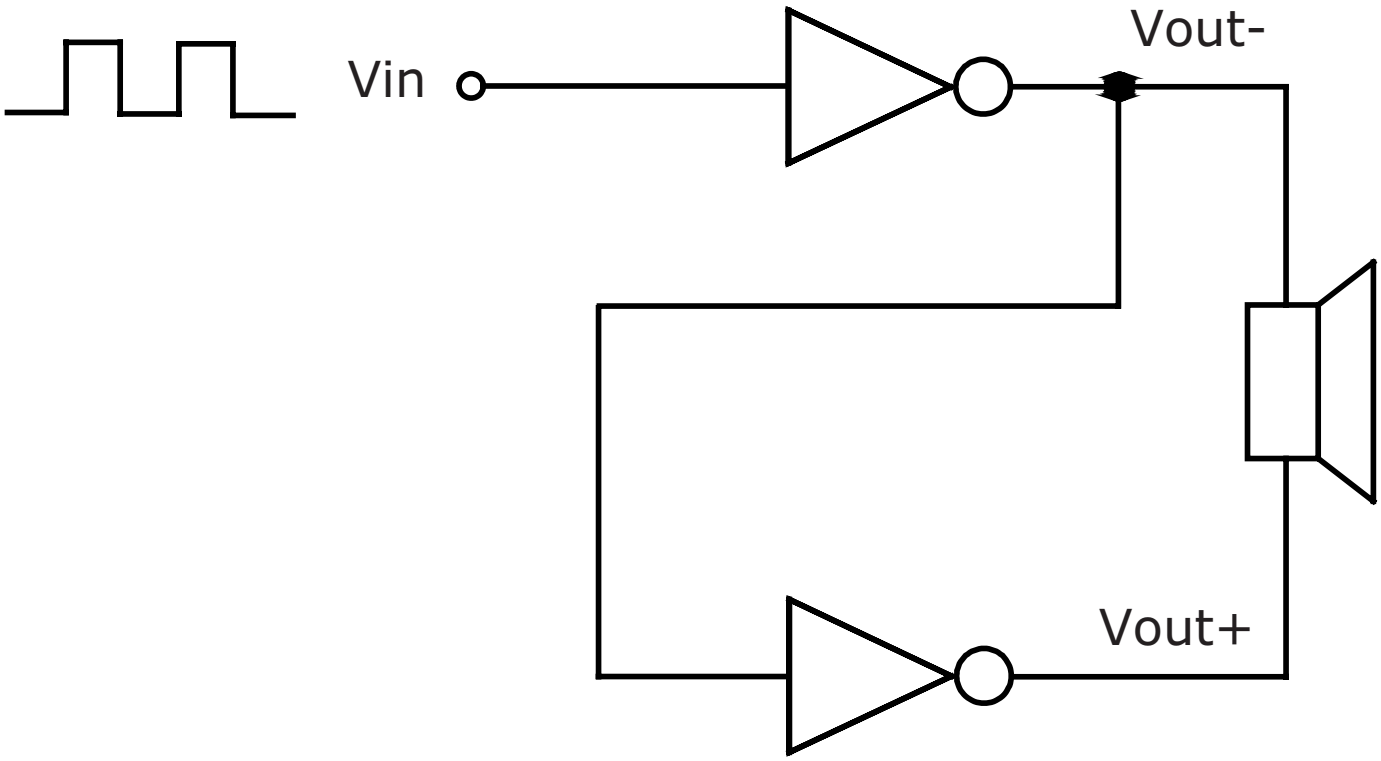


Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



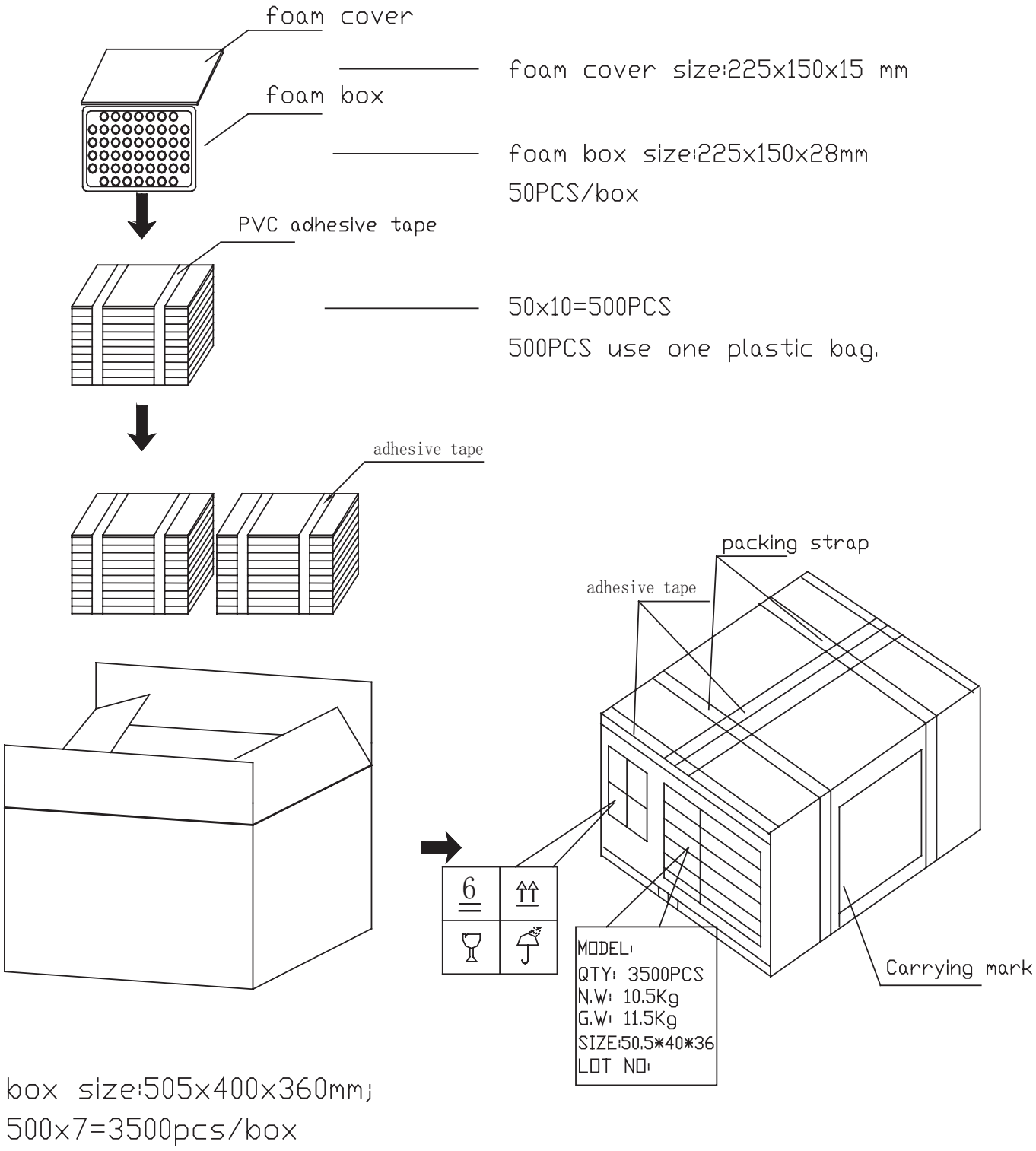
APPLICATION CIRCUIT



PACKAGING

units: mm

Carton Size: 505 x 400 x 360 mm
Carton QTY: 3,500 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/15/2019
1.01	brand update	01/03/2020
1.02	logo, datasheet style update	08/05/2022

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

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

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