CUI Devices is now Same Sky! Learn More

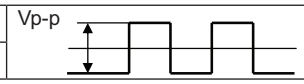
MODEL: CPT-1404-85T | DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- low profile
- wave solder
- through hole

RoHS

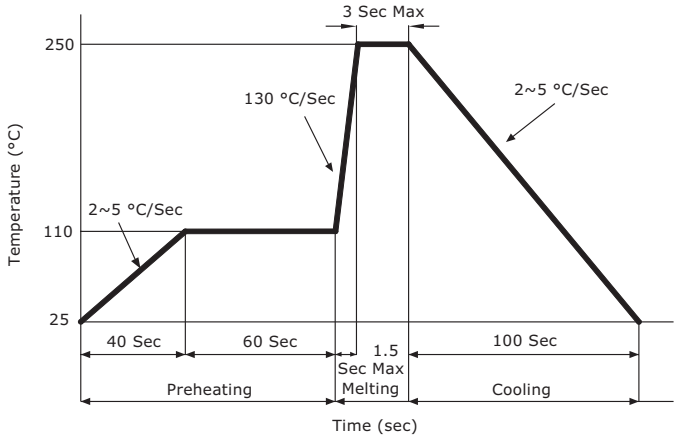
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			10		Vp-p
operating voltage		1		30	Vp-p
current consumption	at rated voltage, 4,000 Hz, ½ duty square wave			10	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave	85			dB
electrostatic capacitance	at 100 Hz/1 V	11,200	16,000	20,800	pF
dimensions	Ø14.0 x 4.0				mm
weight				0.7	g
material	PBT				
terminal	pin (tin plating)				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				

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

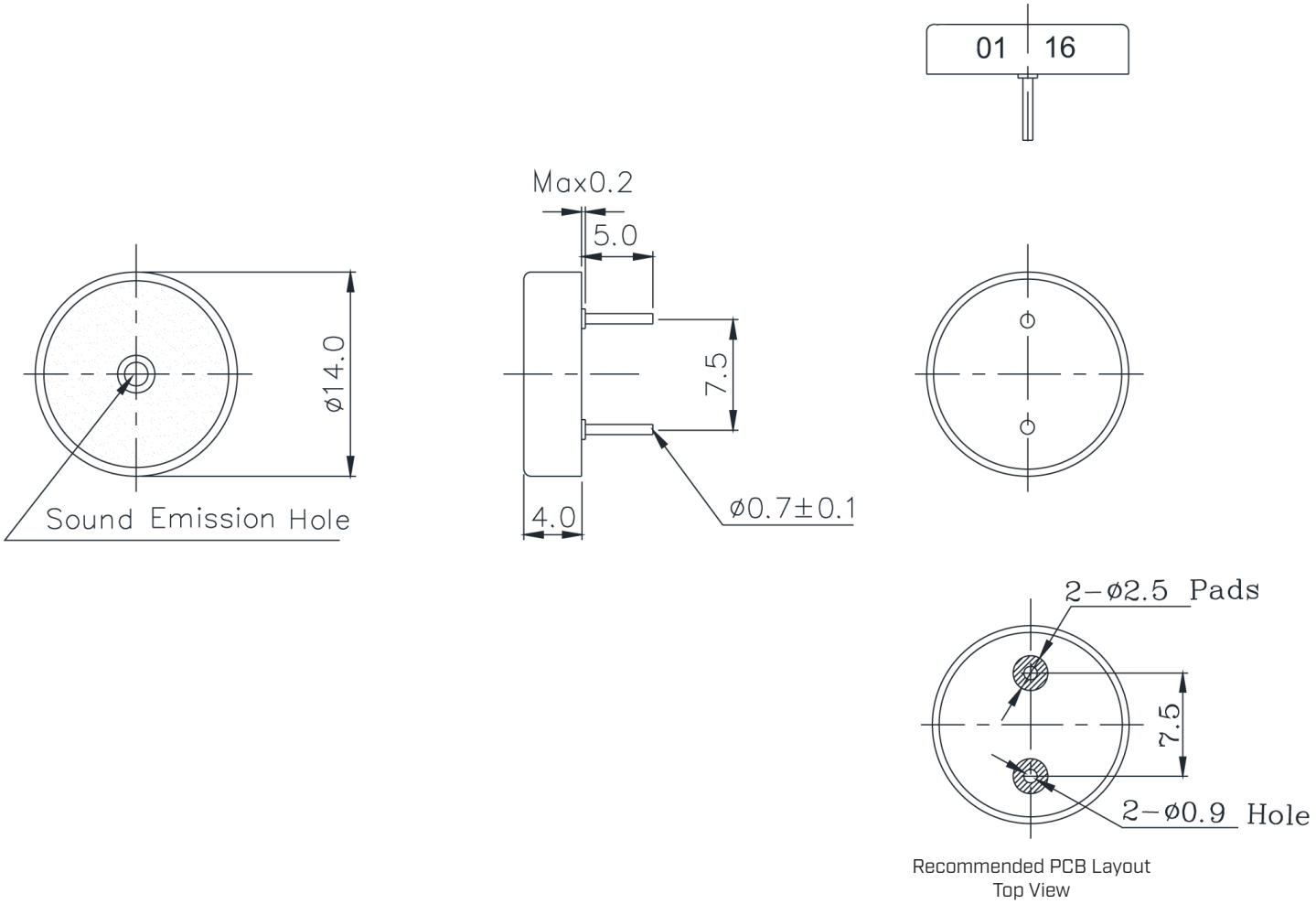
SOLDERABILITY

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



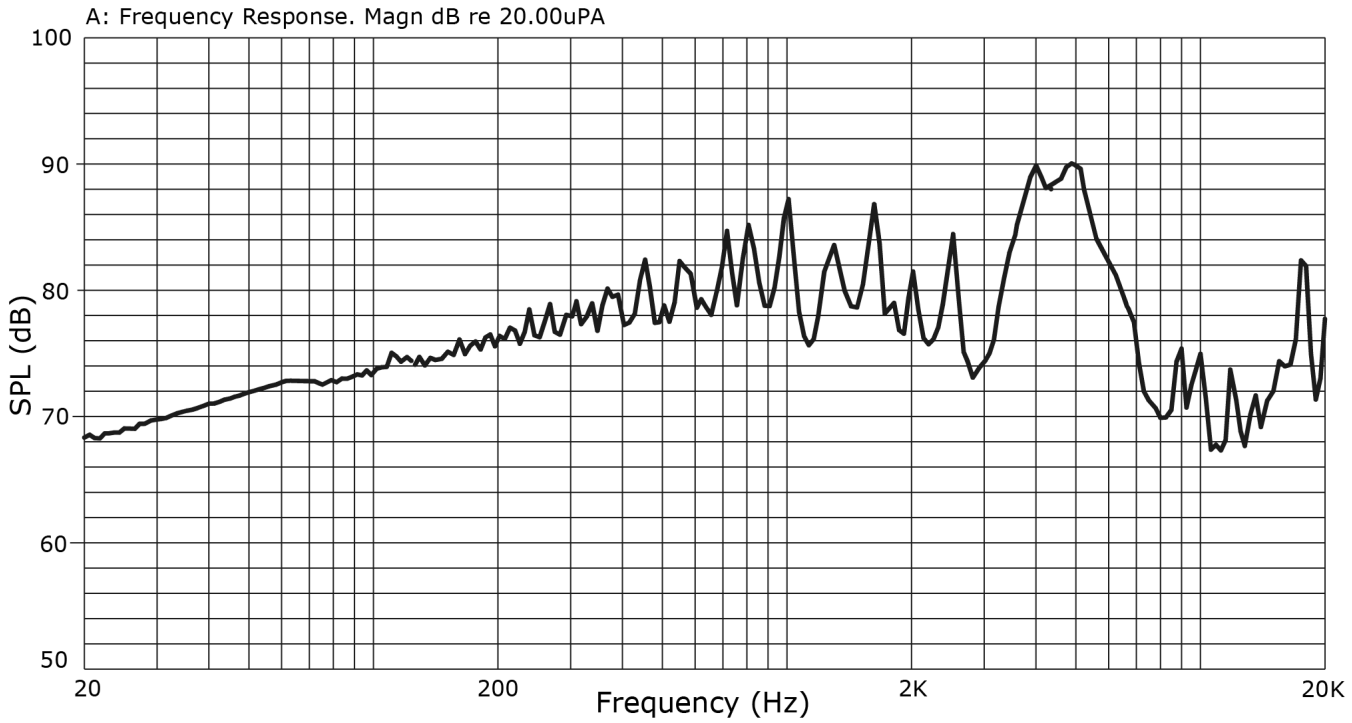
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

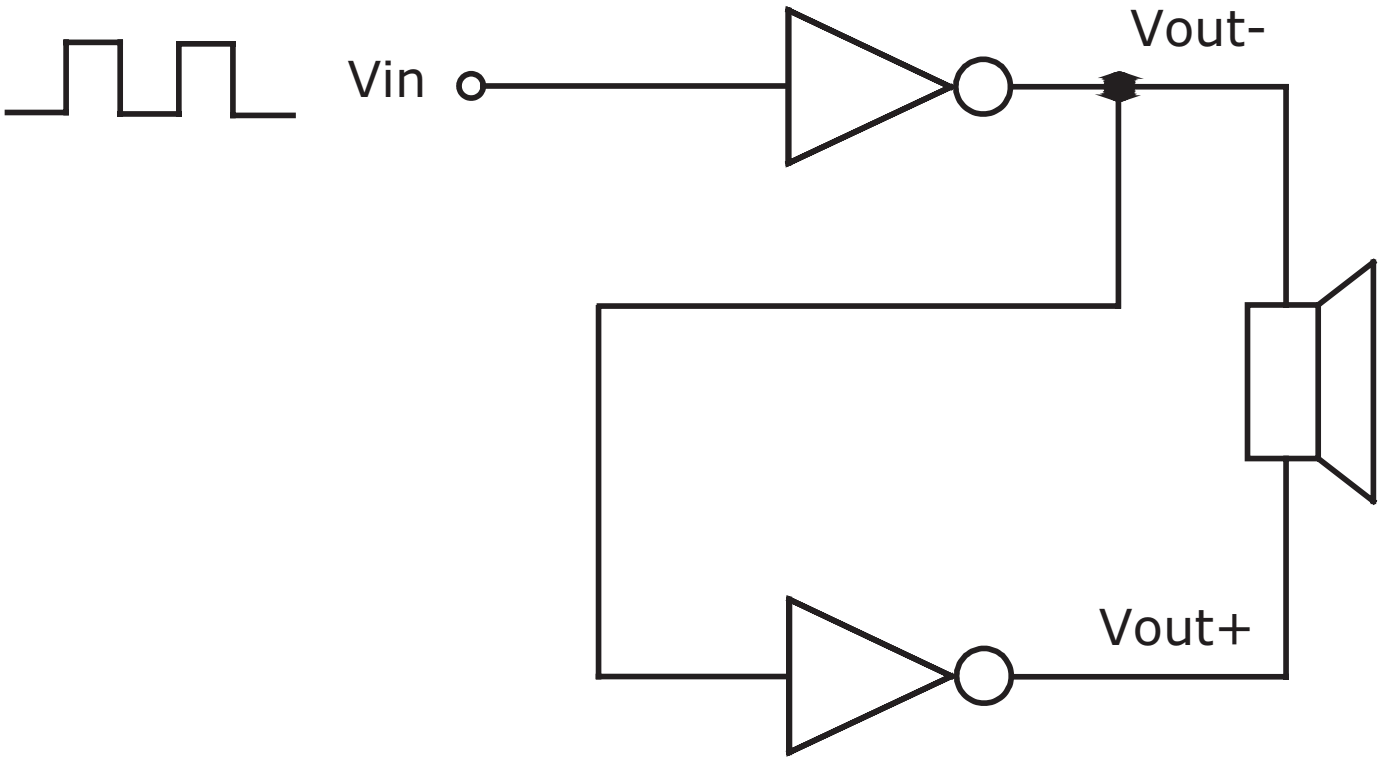


Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



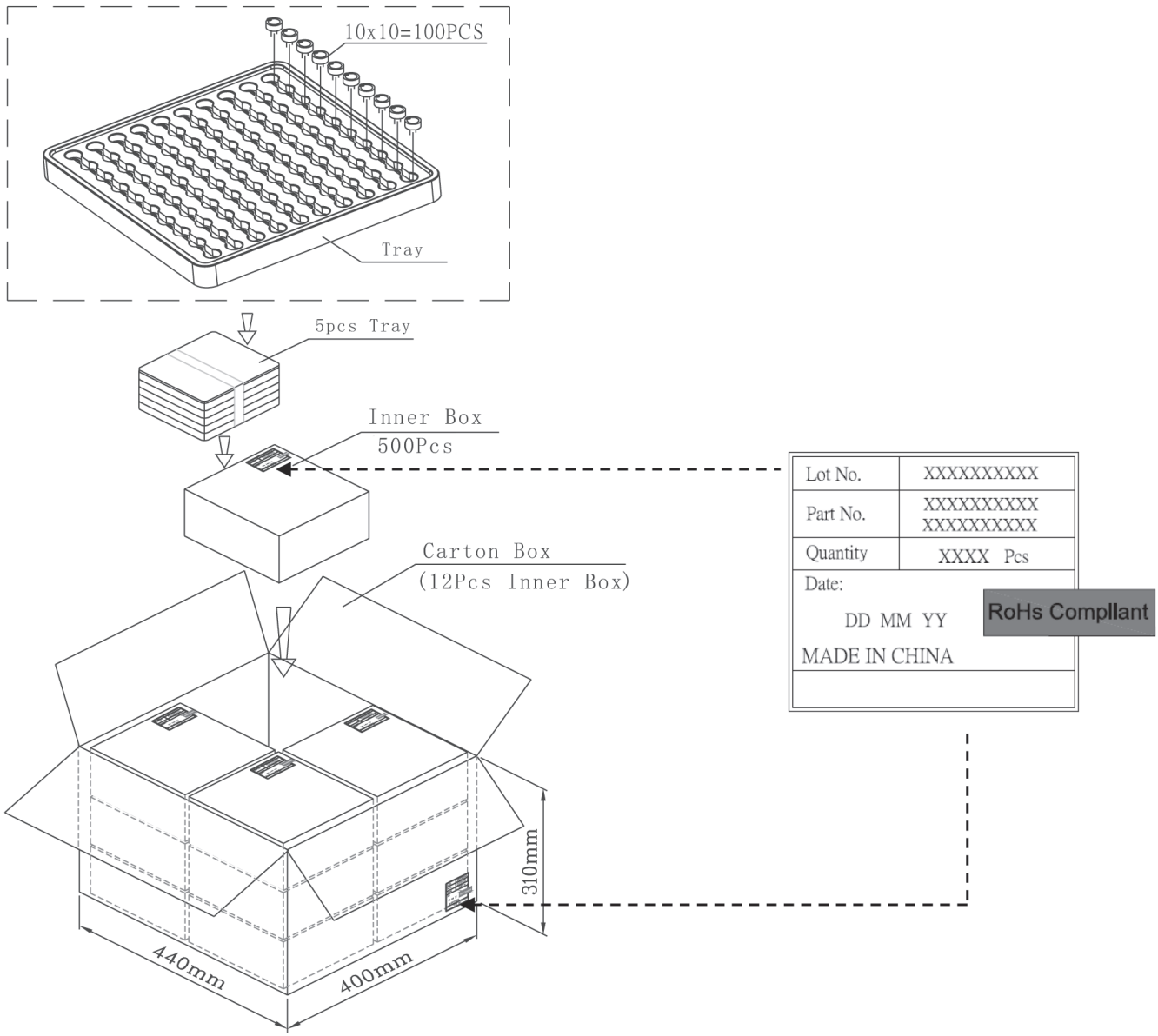
APPLICATION CIRCUIT



PACKAGING

units: mm

Carton Size: 440 x 400 x 310 mm
Carton QTY: 6,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	12/10/2019
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/11/2024

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

same sky

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

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