CUDEVICES

MODEL: CPI-137-24T | **DESCRIPTION:** PIEZO BUZZER INDICATOR

FEATURES

- washable
- internally driven
- through hole

RoHS

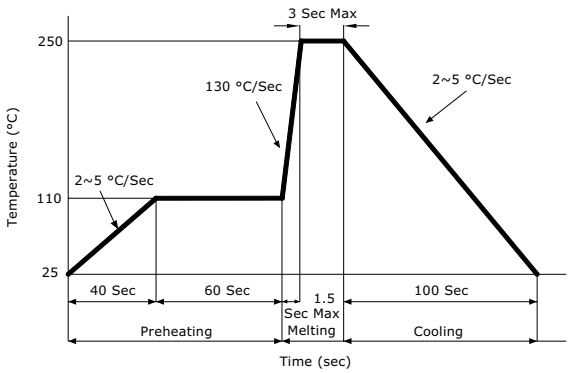
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			24		Vdc
operating voltage		16		28	Vdc
current consumption	at rated voltage			18	mA
rated frequency		3,800		4,800	Hz
sound pressure level	at 10 cm, rated voltage	92			dB
tone	continuous				
dimensions	Ø13.9 x 7.5				mm
weight				1.0	g
material	PBT				
terminal	pins (gold plating)				
operating temperature		-40		85	°C
storage temperature		-40		90	°C
washable	yes				
RoHS	yes				

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

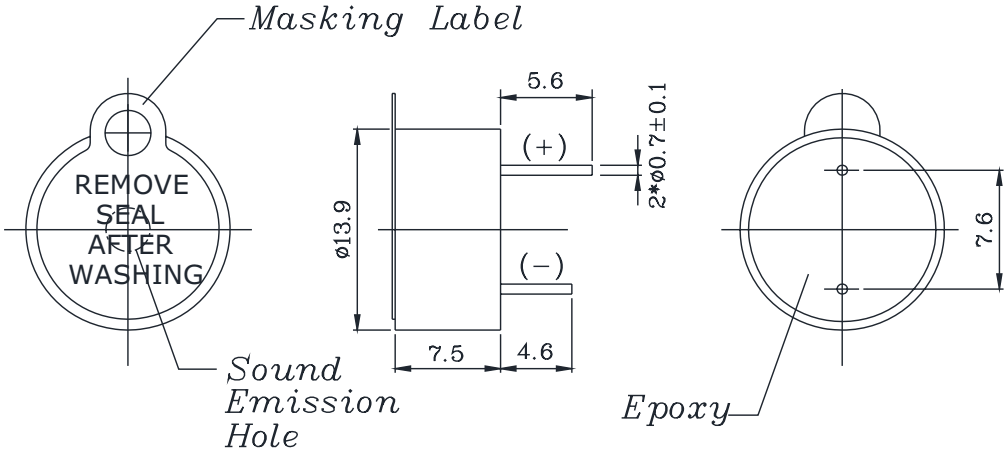
SOLDERABILITY

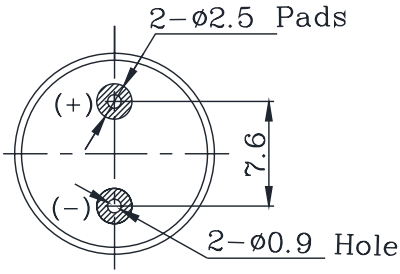
parameter	conditions/description	min	typ	max	units
hand soldering	maximum 2 seconds	330		380	°C
wave soldering	see recommended wave soldering profile			250	°C



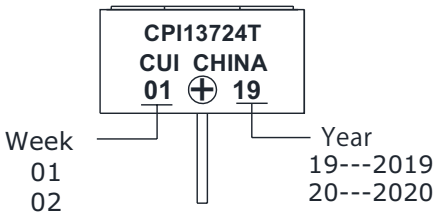
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



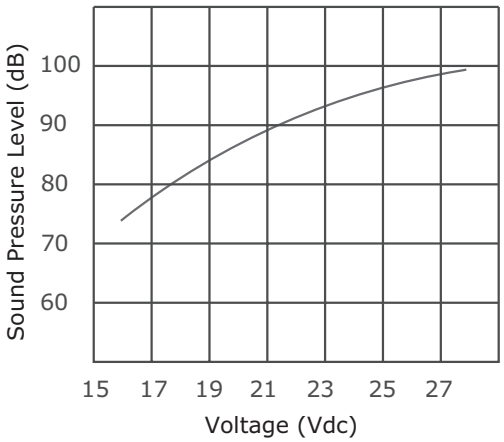


Recommended PCB Layout
Top View

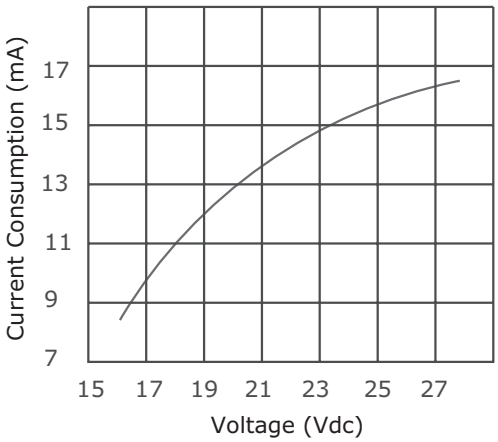


PERFORMANCE CURVES

Voltage vs. Sound Pressure Level
at 10 cm, 25°C



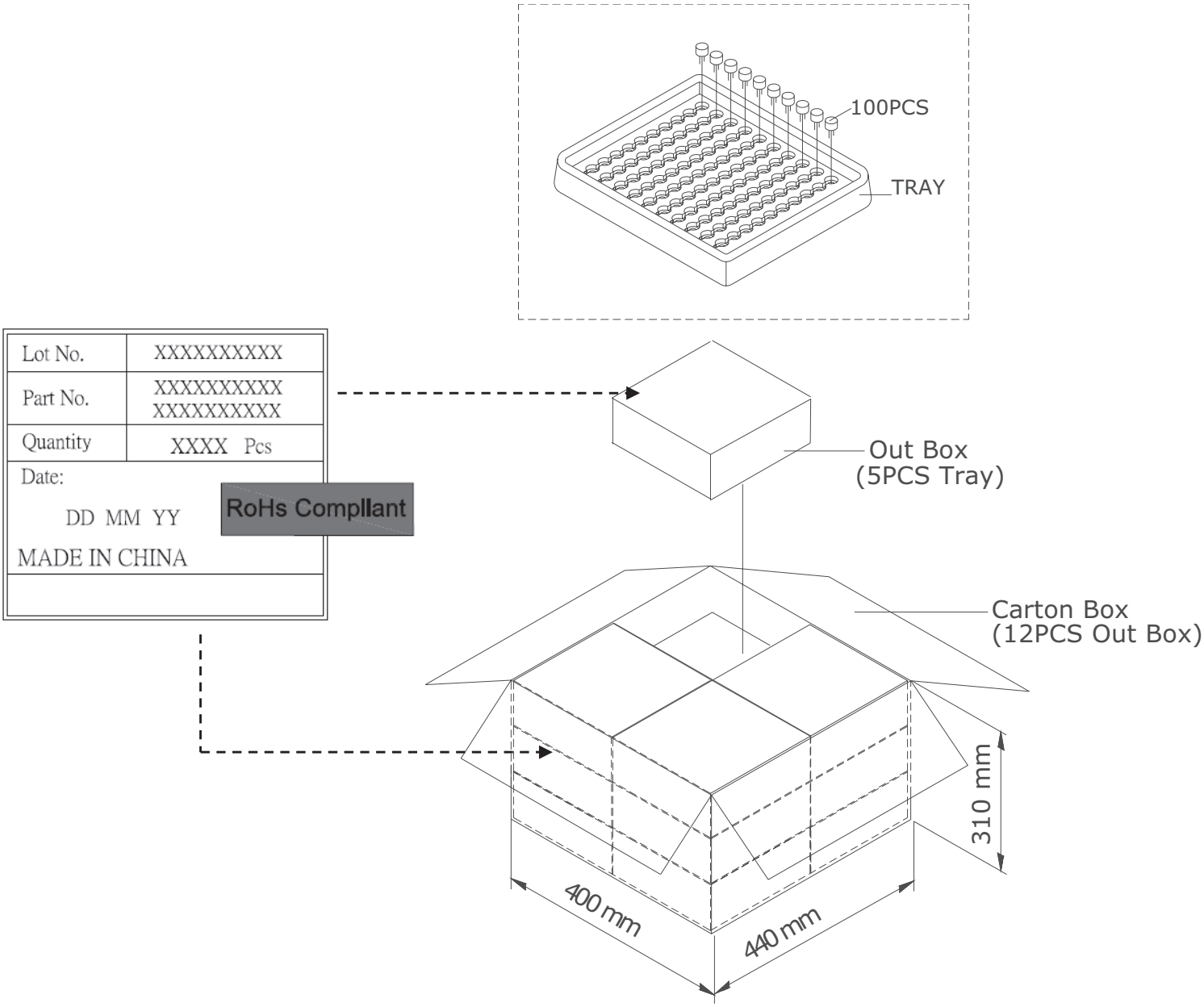
Voltage vs. Current Consumption
at 25°C



PACKAGING

units: mm

Inner Egg Tray Size: 184 x 180 x 23 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

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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