CUI DEVICES

MODEL: CPI-148-24-90T-67 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

FEATURES
- 24 Vdc rated
- 90 dB
- continuous tone
- IP67

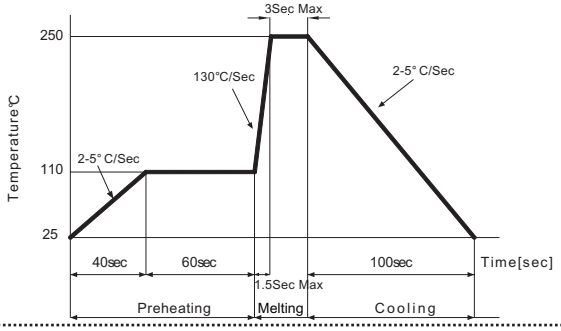
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			24		Vdc
operating voltage		15		28	Vdc
current consumption	at rated voltage			20	mA
rated frequency		3,600	4,100	4,600	Hz
sound pressure level	at 10 cm, rated voltage	90			dB
tone	continuous				
dimensions	Ø13.9 x 7.5				mm
weight				1.05	g
material	PBT (black)				
terminal	pins (gold plating)				
operating temperature		-40		85	°C
storage temperature		-40		90	°C
washable	yes				
RoHS	yes				
IP level	IP67				

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

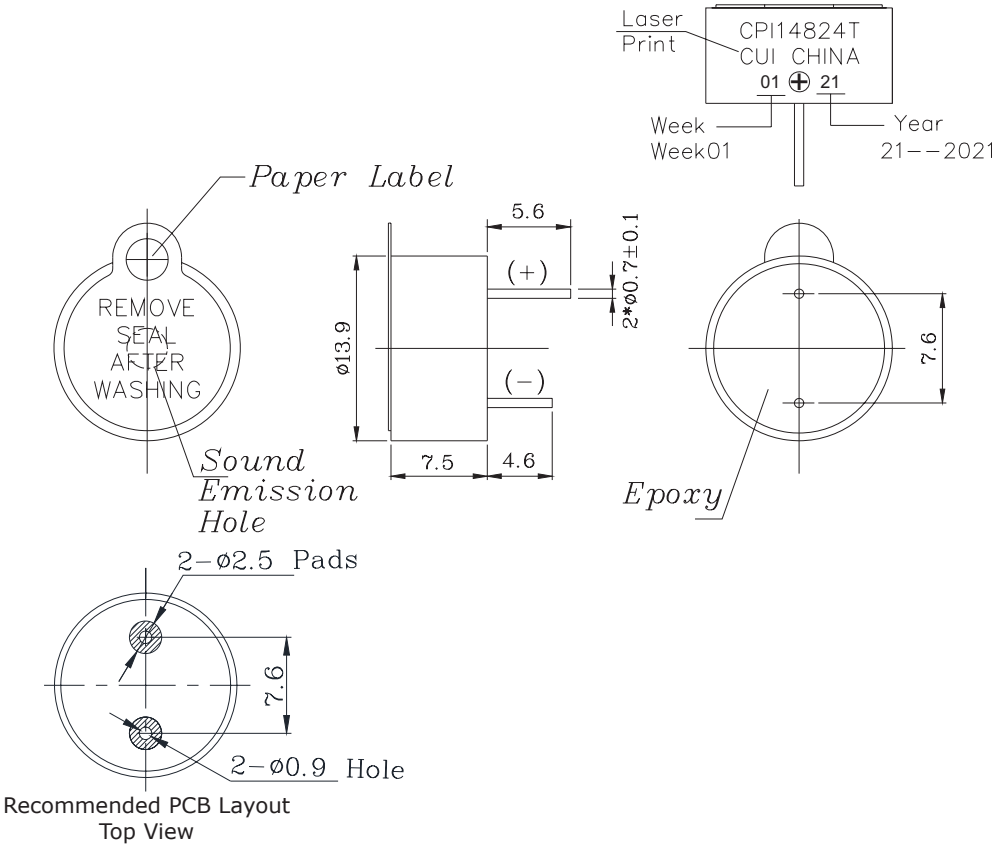
SOLDERABILITY

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



MECHANICAL DRAWING

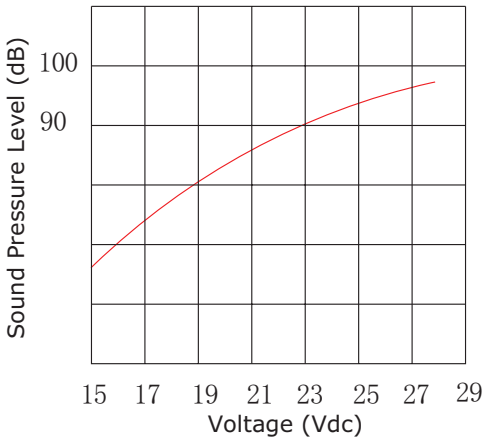
units: mm
tolerance: ±0.5 mm



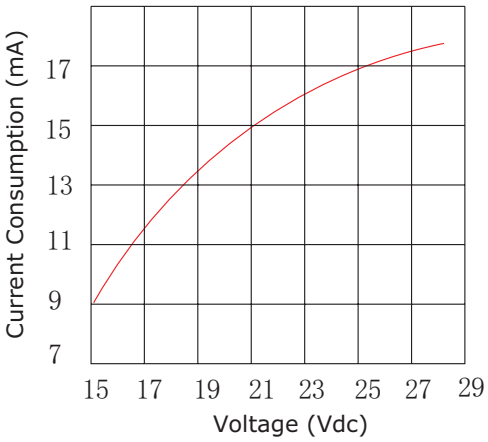
Recommended PCB Layout
Top View

PERFORMANCE CURVES

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



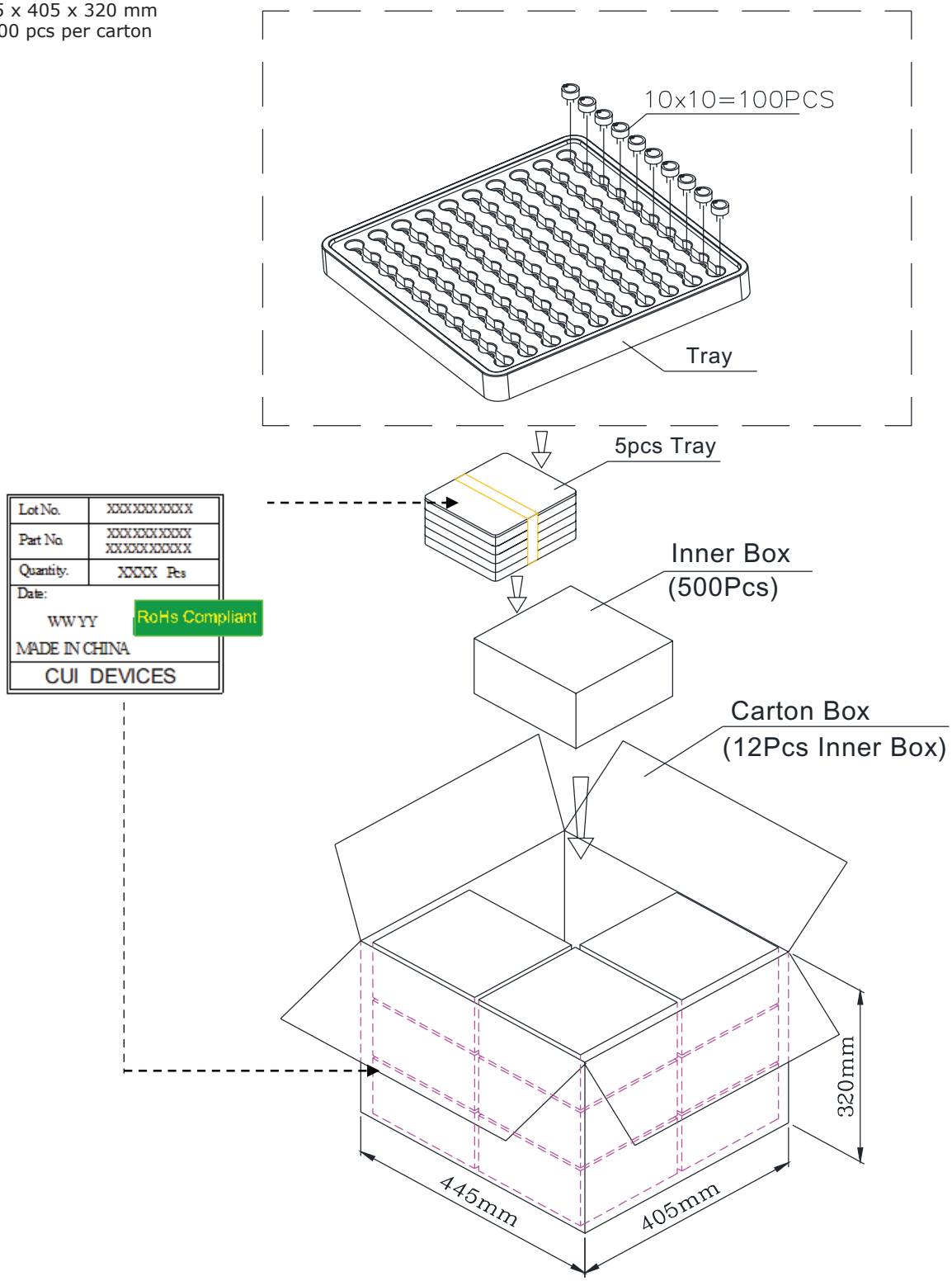
Voltage vs. Current Consumption
at 25°C



PACKAGING

units: mm

Tray Size: 184 x 180 x 23 mm
Tray QTY: 100 pcs per tray
Carton Size: 445 x 405 x 320 mm
Carton QTY: 6,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	11/23/2021

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