

**MODEL:** CEP-2224 | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- through-hole pins
- 12 Vdc rating
- 3.4 kHz rated frequency
- low profile

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		3		20	Vdc
current consumption	at rated voltage			15	mA
rated frequency		2,900	3,400	3,900	Hz
sound pressure level	at 30 cm, rated voltage	78			dB
dimensions	Ø24.0 x 9.0				mm
weight				1.2	g
material	ABS PA-777D (black)				
terminal	pin type (Sn 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 86~106kPa pressure, unless otherwise noted.

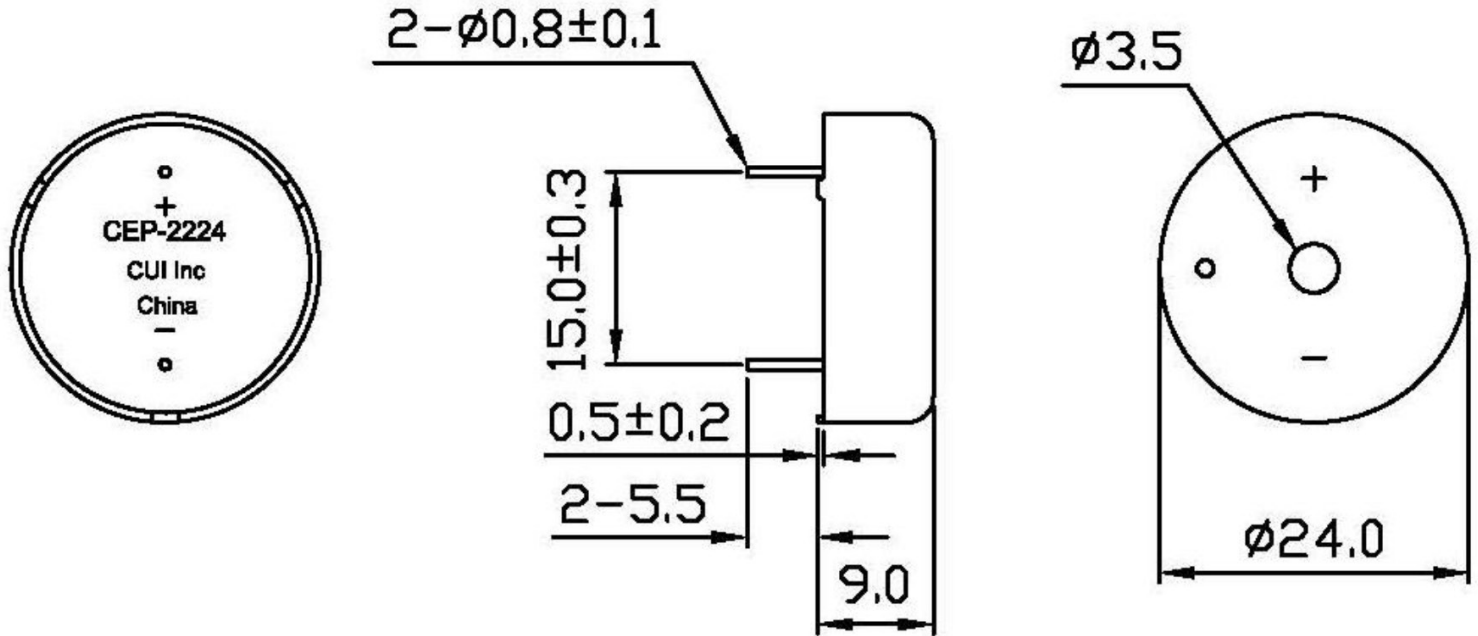
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering <sup>2</sup>	for maximum 2 seconds	330		380	°C

Notes: 2. Not recommended for wave soldering

## MECHANICAL DRAWING

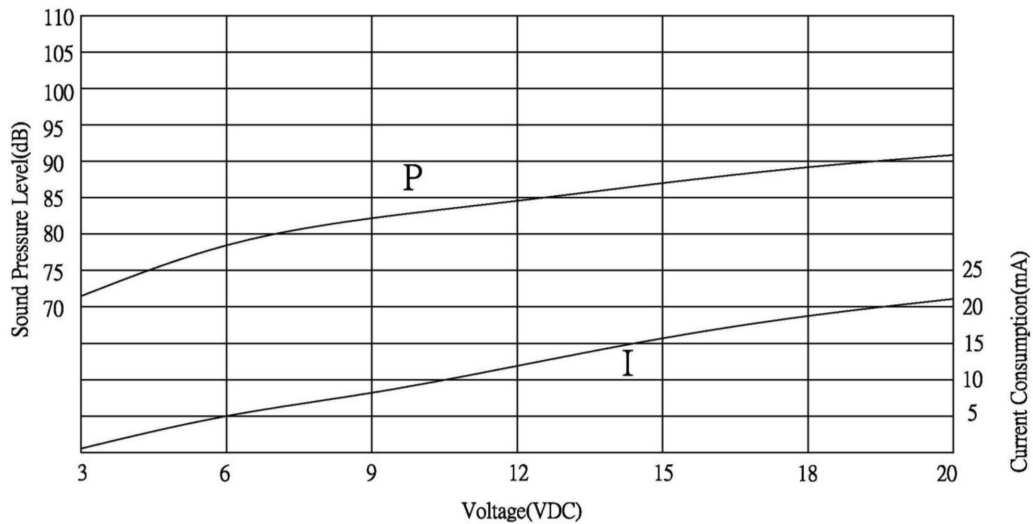
units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

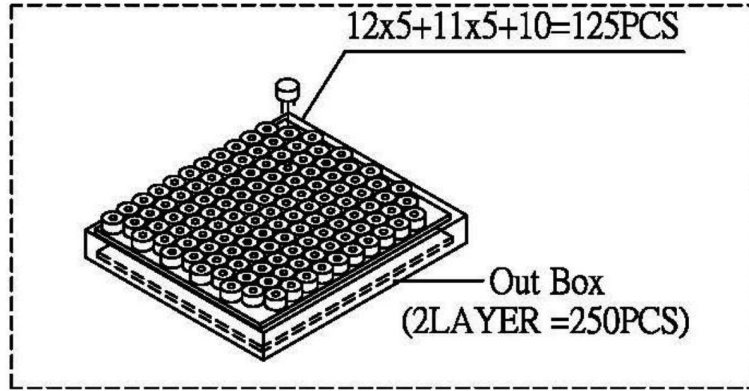
P: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption

at 30cm

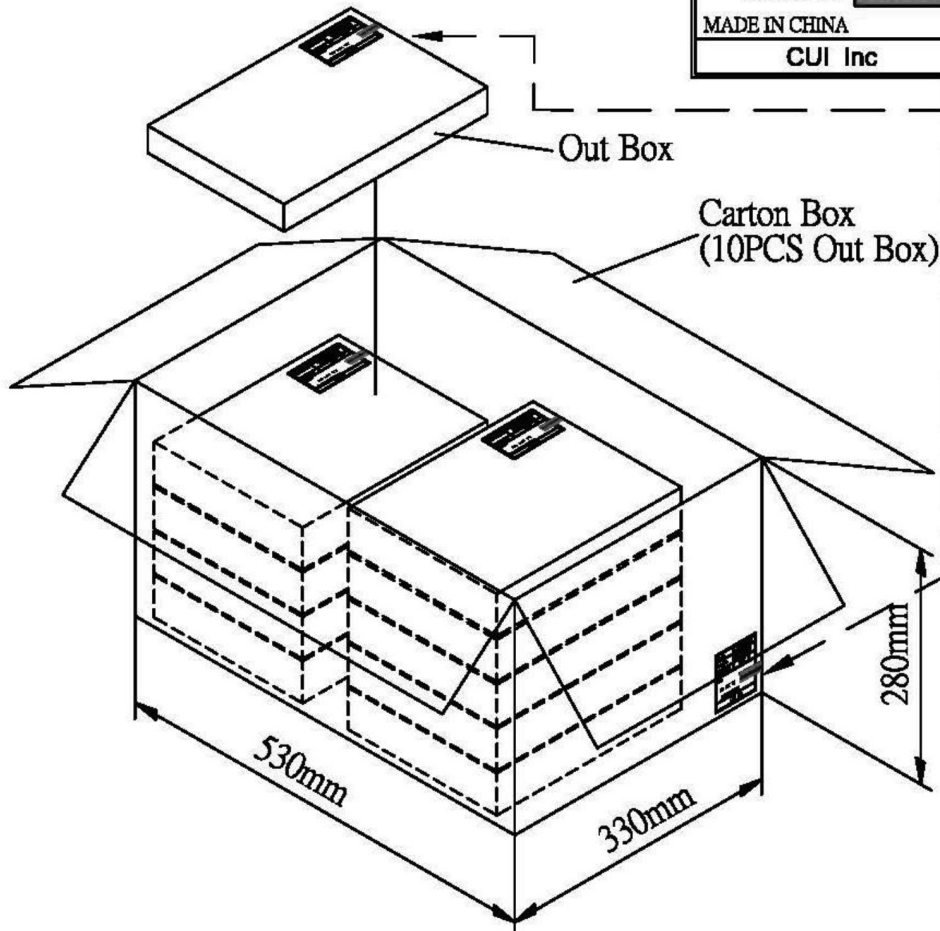


## PACKAGING

Inner Unit Size: 305 x 245 x 49 mm  
 Carton Size: 530 x 330 x 280 mm  
 Tray QTY: 125 pcs per tray  
 Inner Unit QTY: 250 pcs per unit  
 Carton QTY: 2,500 pcs per carton



Lot No.	XXXXXXXXXX
Model No.	XXXXXXXXXX XXXXXXXXXX
Quantity.	XXXX Pcs
Date:	DD MM YY
RoHS Compliant	
MADE IN CHINA	
CUI Inc	



## REVISION HISTORY

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rev.	description	date
1.0	initial release	09/19/2006
1.01	applied new spec template	03/19/2019
1.02	brand update	10/11/2019

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

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# CUI DEVICES

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

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