CUI DEVICES

MODEL: CPI-4242-85T | **DESCRIPTION:** PIEZO BUZZER INDICATOR

FEATURES

- constant tone
- internally driven
- through hole



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			220		Vdc/Vac
operating voltage		60		250	Vdc/Vac
current consumption	at rated voltage			18	mA
rated frequency		2,300	2,800	3,300	Hz
sound pressure level	at 30 cm, rated voltage	85			dB
tone	continuous at rated voltage				
dimensions	Ø42.5 x 42.0				mm
weight				51	g
material	ABS (UL94 1/16" HB)				
terminal	pins (tin plating)				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
washable	no				
RoHS	yes				

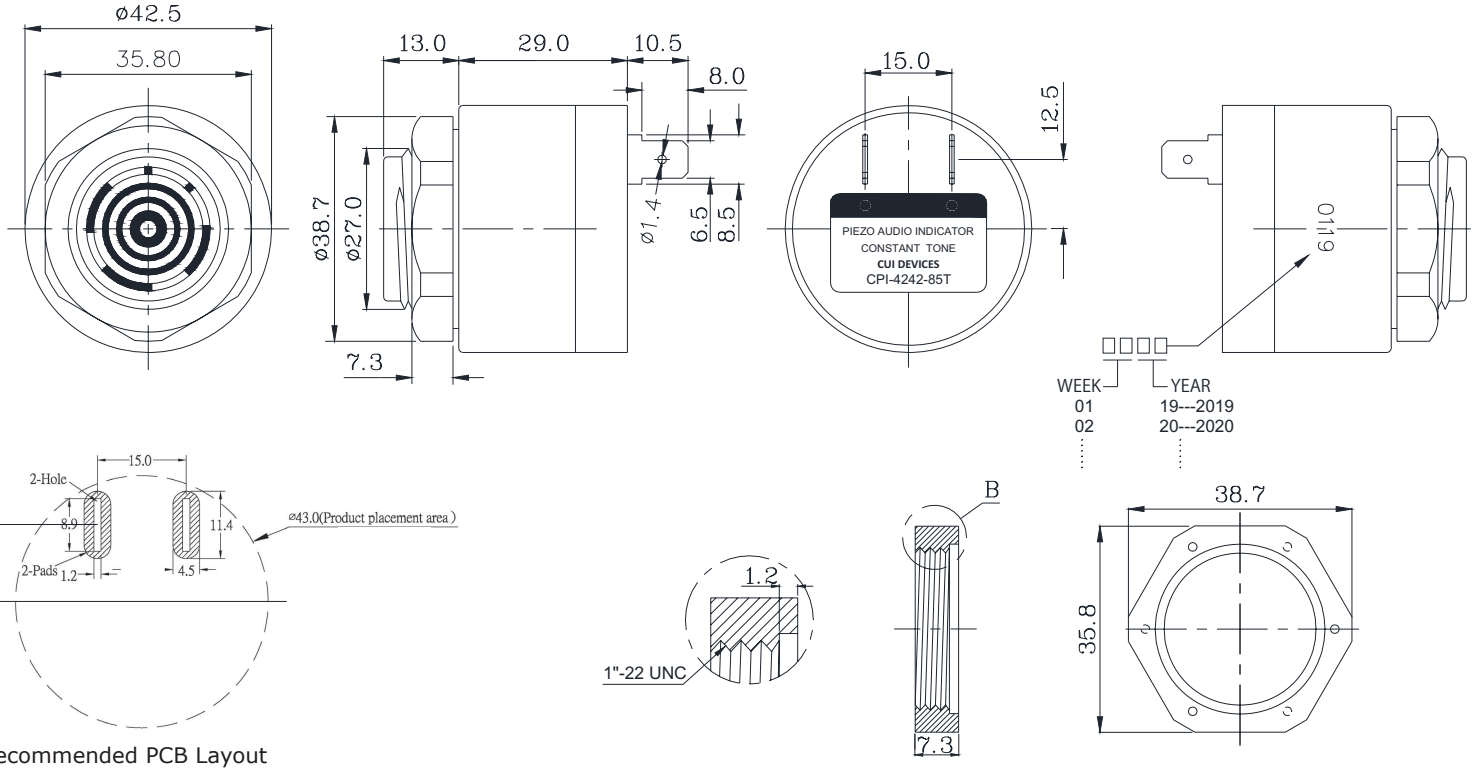
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	maximum 3 seconds	330	350	370	°C

MECHANICAL DRAWING

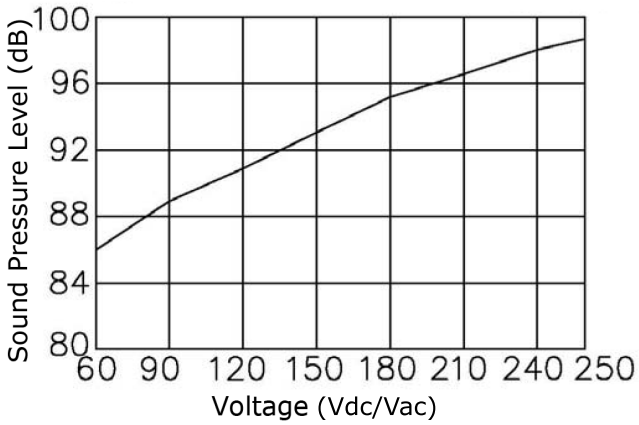
units: mm
tolerance: ±0.5 mm



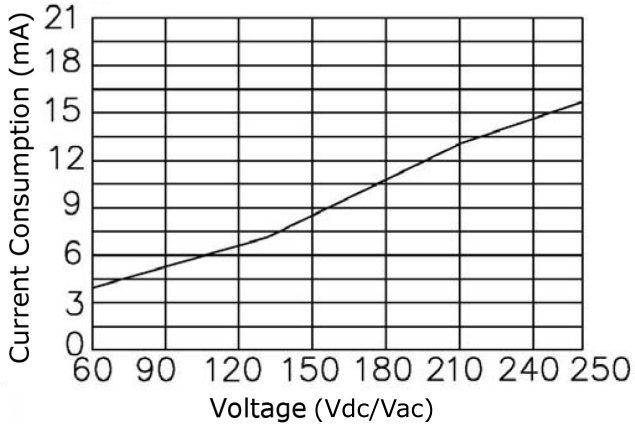
Recommended PCB Layout
Top View

PERFORMANCE CURVES

Voltage vs. Sound Pressure Level at 30 cm



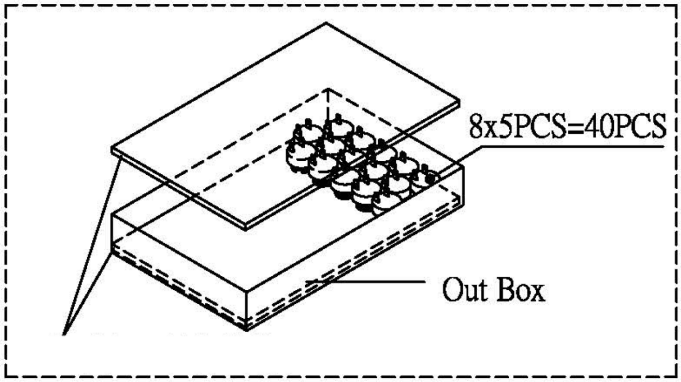
Voltage vs. Current Consumption

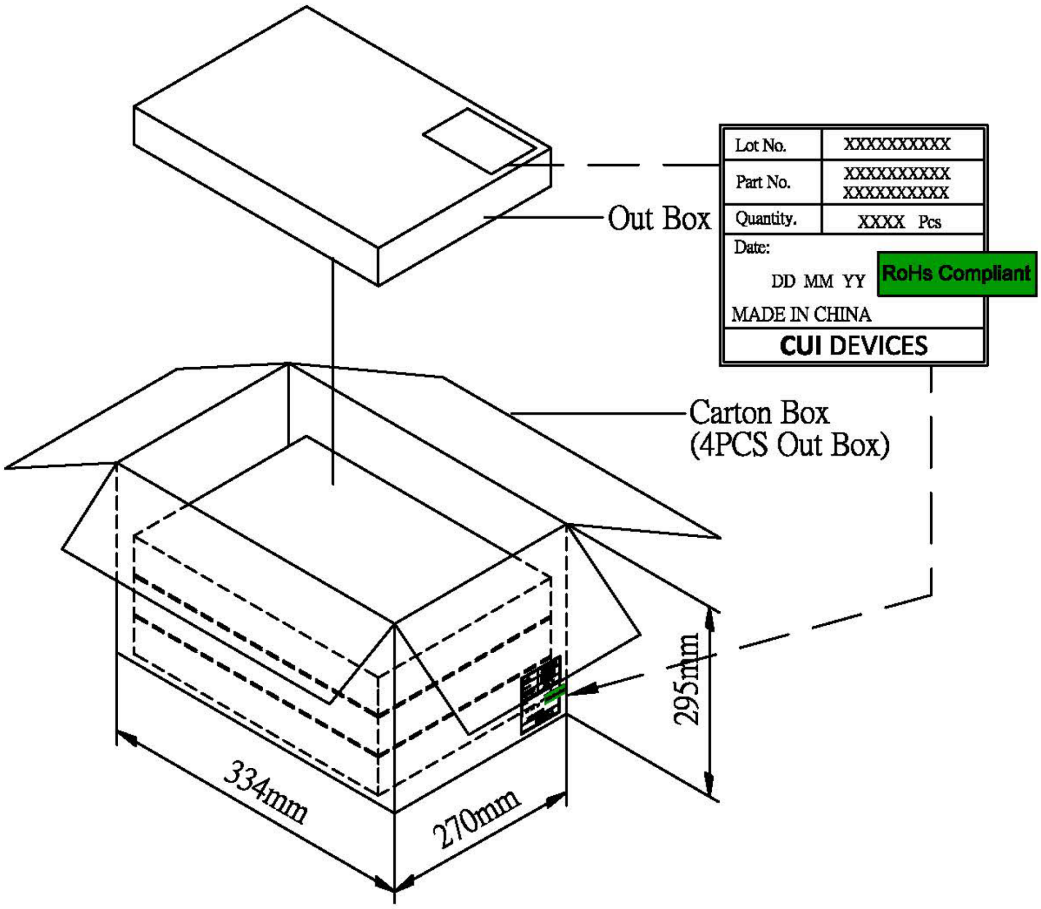


PACKAGING

units: mm

Carton Size: 334 x 270 x 295 mm
Carton QTY: 160 pcs per carton





REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2019

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

CUI DEVICES

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

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