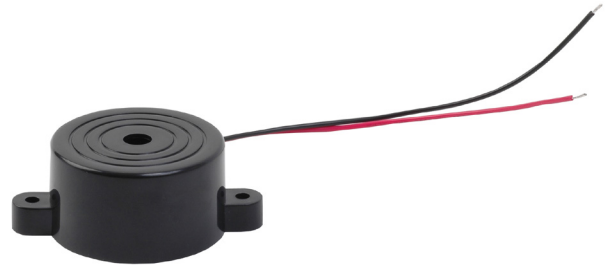


**MODEL:** CPE-420 | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- wire lead with panel-mount tabs
- 12 Vdc rating
- 102 dB
- 2.8 kHz rated frequency

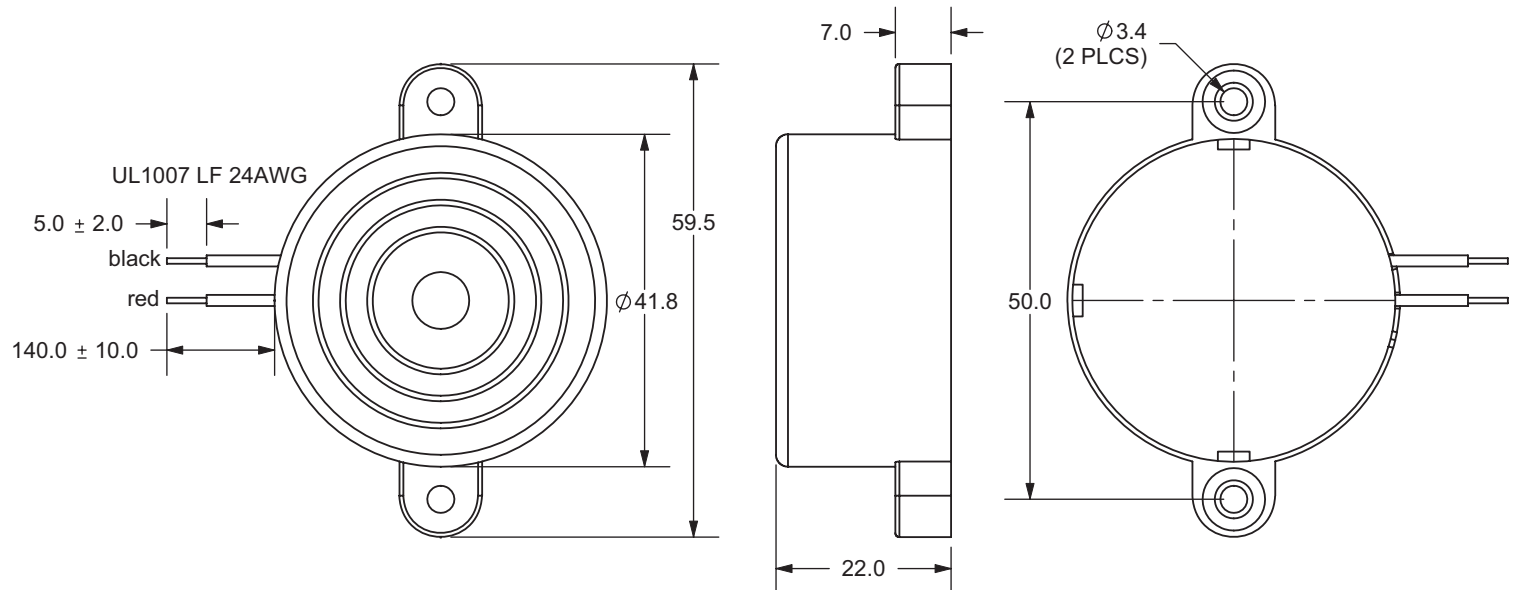
**SPECIFICATIONS**

| parameter             | conditions/description    | min   | typ   | max   | units |
|-----------------------|---------------------------|-------|-------|-------|-------|
| rated voltage         |                           |       | 12    |       | Vdc   |
| operating voltage     |                           | 3     |       | 16    | Vdc   |
| current consumption   | at rated voltage          |       |       | 50    | mA    |
| rated frequency       |                           | 2,300 | 2,800 | 3,300 | Hz    |
| sound pressure level  | at 30 cm, rated voltage   | 102   |       |       | dB    |
| dimensions            | Ø41.8 x 22.0              |       |       |       | mm    |
| weight                |                           |       |       | 17.4  | g     |
| material              | ABS UL94 1/16" HB (black) |       |       |       |       |
| terminal              | wire leads                |       |       |       |       |
| 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.

## MECHANICAL DRAWING

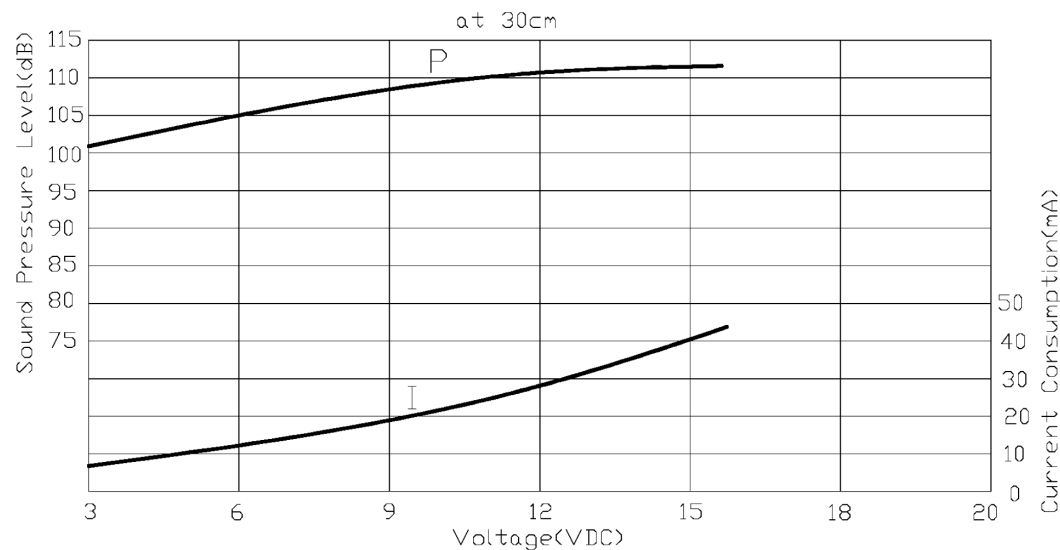
units: mm

tolerance:  $\pm 0.5$  mm

## PERFORMANCE CURVES

P: Voltage vs. Sound Pressure Level

I: Voltage vs. Current Consumption



## PACKAGING

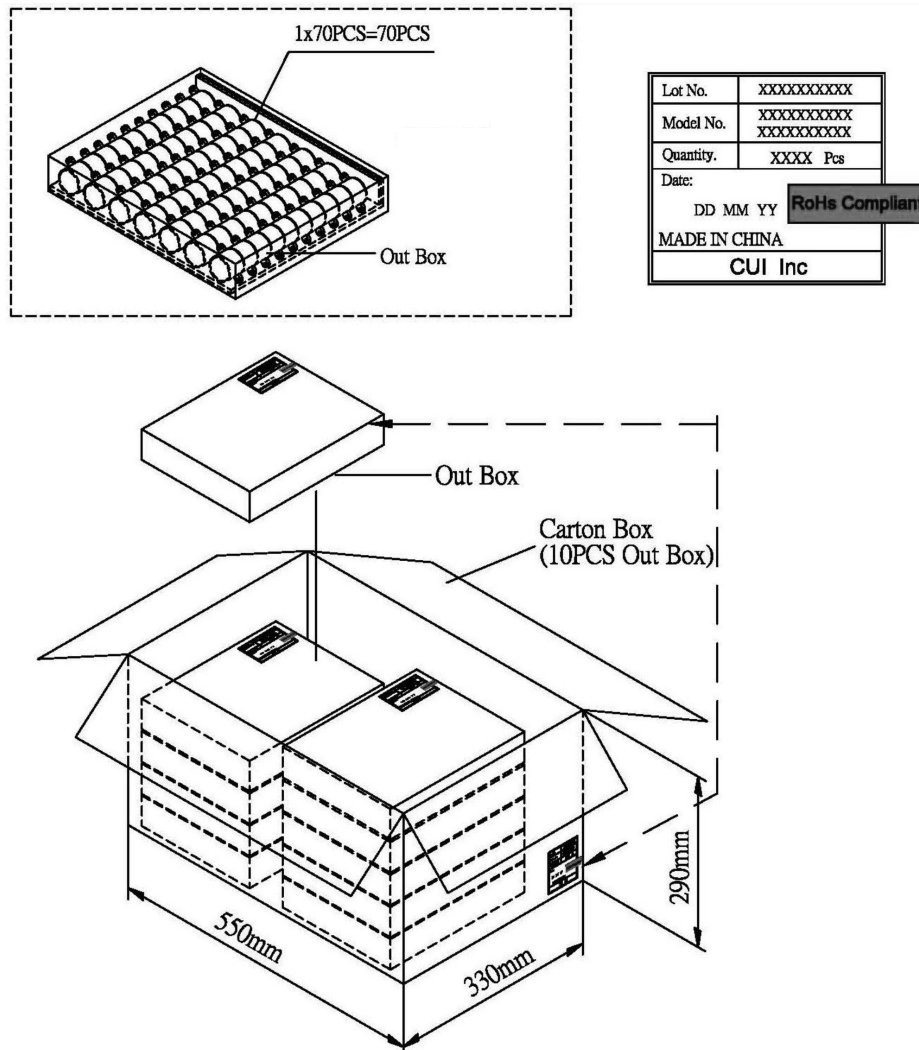
units: mm

Outer Box Size: 310 x 248 x 49 mm

Carton Size: 550 x 330 x 290 mm

Outer Box QTY: 70 pcs per box

Carton QTY: 700 pcs per carton



## REVISION HISTORY

| rev. | description                    | date       |
|------|--------------------------------|------------|
| 1.0  | initial release                | 11/12/2007 |
| 1.01 | applied new spec template      | 06/17/2015 |
| 1.02 | changed internal piezo element | 01/11/2018 |
| 1.03 | brand update                   | 11/15/2019 |

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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