

**MODEL:** CPIM-4410-80Y | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- meets signals of IEC 60601
- indicator
- multiple alarm tones
- oxygenation tone

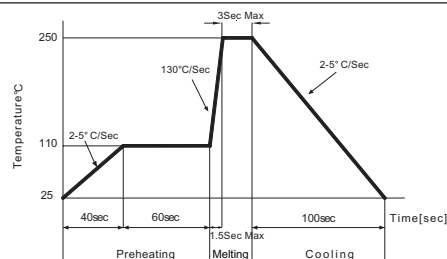
**SPECIFICATIONS**

| parameter             | conditions/description                                         | min | typ | max   | units |
|-----------------------|----------------------------------------------------------------|-----|-----|-------|-------|
| sound type            | IEC60601-1-8, auditory alarm signals of oxygenation            |     |     |       |       |
| rated voltage         |                                                                |     | 5   |       | Vdc   |
| operating voltage     |                                                                | 3.3 |     | 5     | Vdc   |
| current consumption   | standby mode at rated voltage                                  |     |     | 12    | mA    |
|                       | low, medium, high priority mode at rated voltage               |     |     | 20    | mA    |
| input peak current    | at rated voltage                                               |     |     | 150   | mA    |
| rated frequency       | low, medium, high alarm modes                                  | 150 |     | 4,000 | Hz    |
| sound pressure level  | at 10 cm, rated voltage, low, medium, high alarm modes         | 80  | 90  |       | dB    |
| tone                  | silence (standby mode)                                         |     |     |       |       |
|                       | low priority alarm signal (2 beeps repeat every 20 seconds)    |     |     |       |       |
|                       | medium priority alarm signal (3 beeps repeat every 10 seconds) |     |     |       |       |
|                       | high priority alarm signal (10 beeps repeat every 3 seconds)   |     |     |       |       |
| dimensions            | Ø44 x 10.25                                                    |     |     |       | mm    |
| weight                |                                                                |     |     | 9.0   | g     |
| material              | ABS UL94 1/16" HB High Heat (black)                            |     |     |       |       |
| terminal              | pin type                                                       |     |     |       |       |
| operating temperature |                                                                | -30 |     | 85    | °C    |
| storage temperature   |                                                                | -30 |     | 85    | °C    |
| RoHS                  | yes                                                            |     |     |       |       |

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

**SOLDERABILITY**

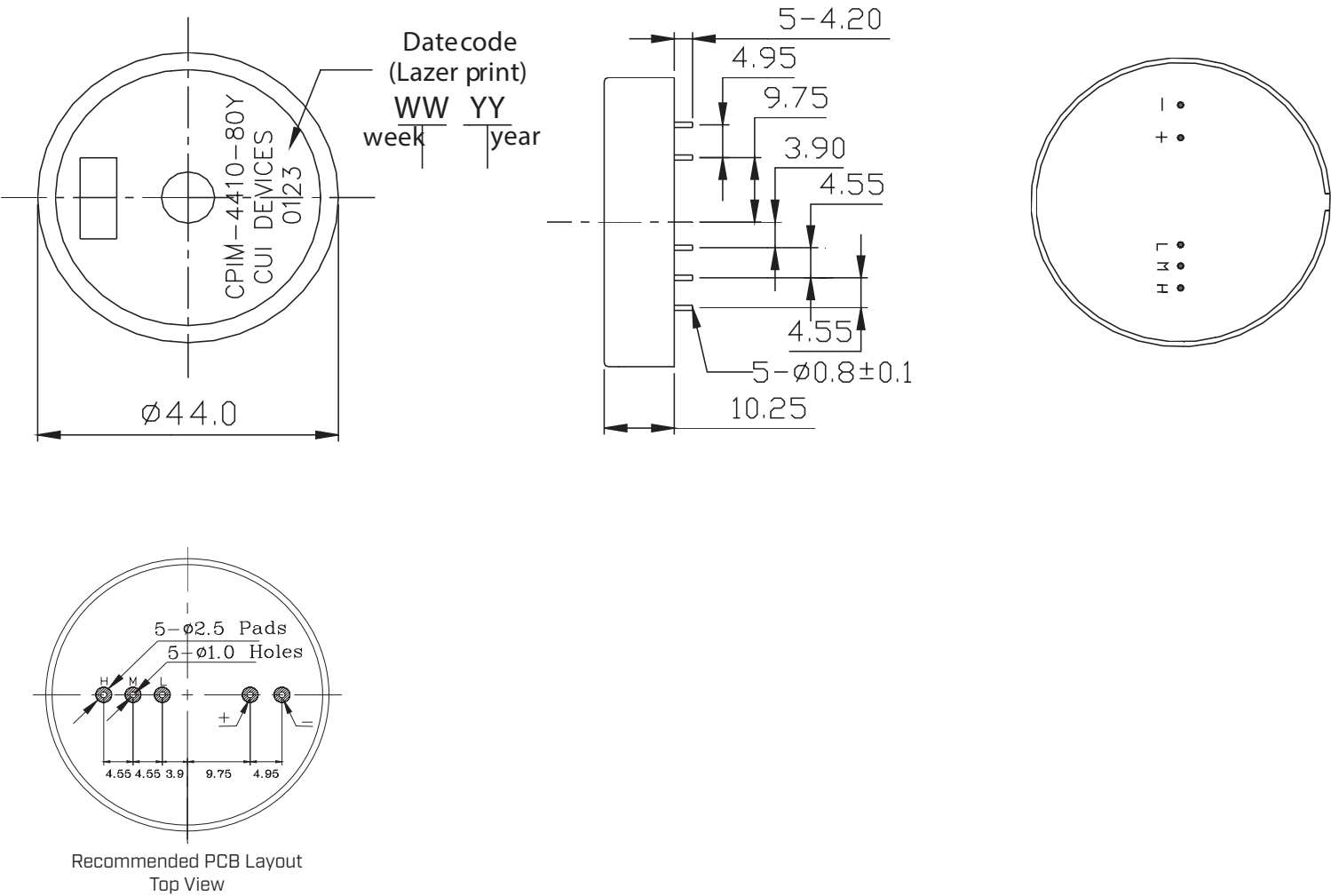
| parameter      | conditions/description                 | min | typ | max | units |
|----------------|----------------------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 2 seconds                  | 330 |     | 380 | °C    |
| wave soldering | see recommended wave soldering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



MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

| Tone                                                              | Connections                          |
|-------------------------------------------------------------------|--------------------------------------|
| Silence<br>[Standby mode]                                         | [+] & [-]<br>Connect to power supply |
| Low Priority Alarm Signal<br>[2 beeps repeat every 20 seconds]    | [+] & L connects to [-]              |
| Medium Priority Alarm Signal<br>[3 beeps repeat every 10 seconds] | [+] & M connects to [-]              |
| High Priority Alarm Signal<br>[10 beeps repeat every 3 seconds]   | [+] & H connects to [-]              |



## PACKAGING

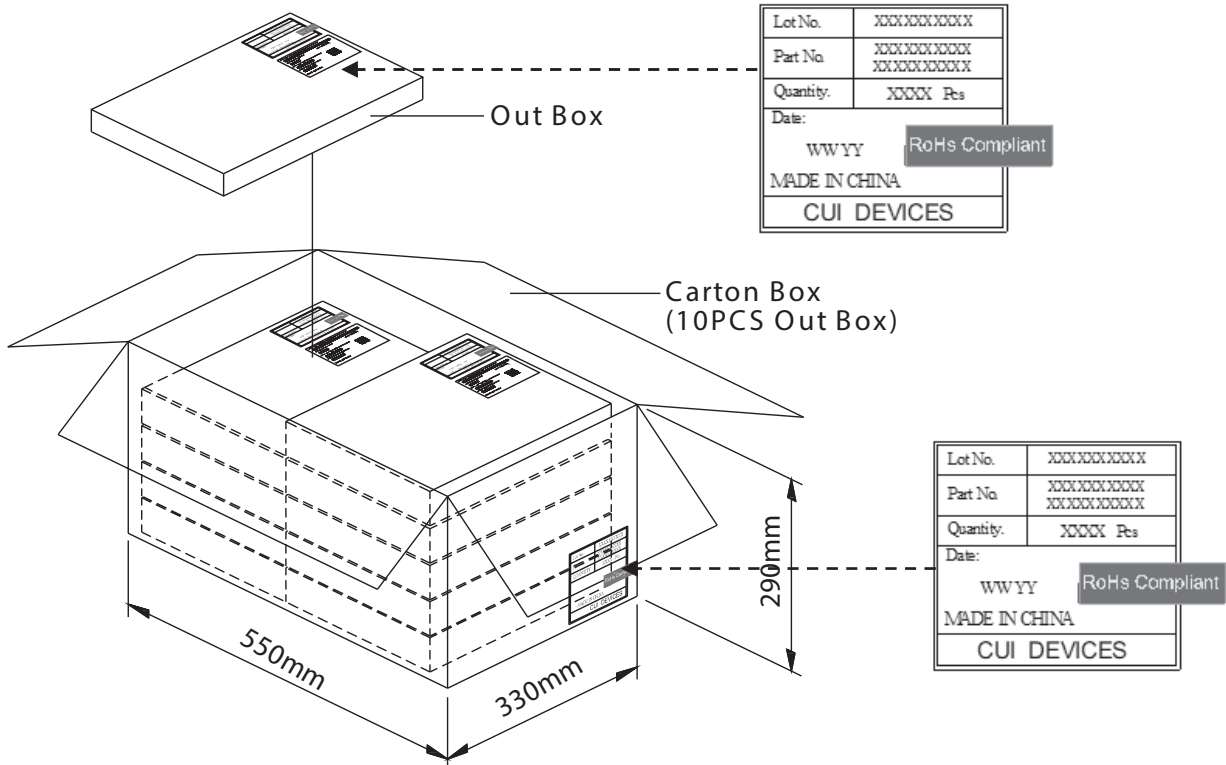
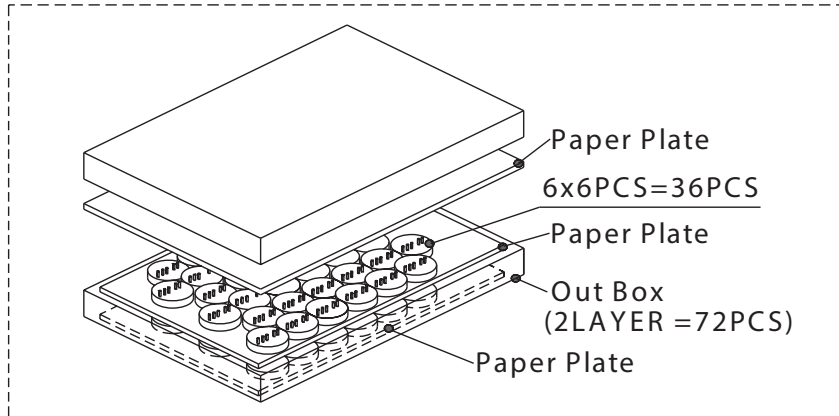
units: mm

Inner Box Size: 310 x 248 x 49 mm

Tray QTY: 72 pcs per tray

Carton Size: 550 x 330 x 290 mm

Carton QTY: 720 pcs per carton



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 06/05/2023 |

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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