

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

FEATURES

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

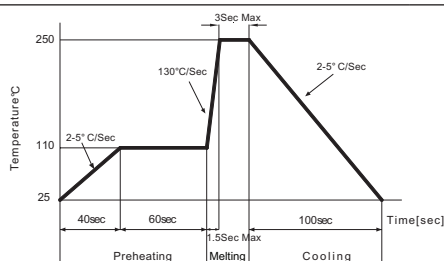

SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---|-----|-----|----------|----------|
| sound type | IEC60601-1-8, auditory alarm signals of cardiovascular | | | | |
| rated voltage | | | 5 | | Vdc |
| operating voltage | | 3.3 | | 5 | Vdc |
| current consumption | standby mode at rated voltage low, medium, high priority mode at rated voltage | | | 12 20 | mA 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

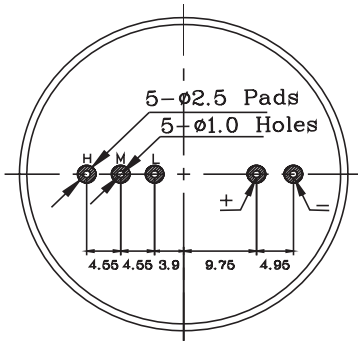
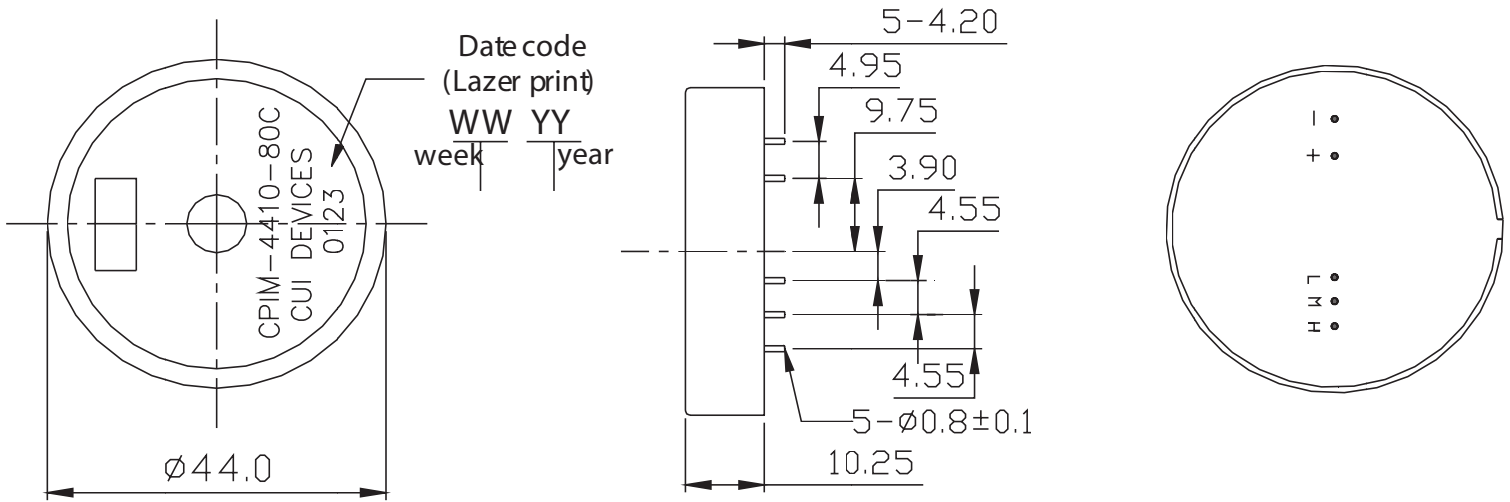
| parameter | conditions/description | min | typ | max | units |
|----------------|--|-----|-----|-----|-------|
| hand soldering | for maximum 2 seconds | 330 | | 380 | °C |
| wave soldering | see recommended wave soldering profile | | | 250 | °C |



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

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



Recommended PCB Layout
Top View

PACKAGING

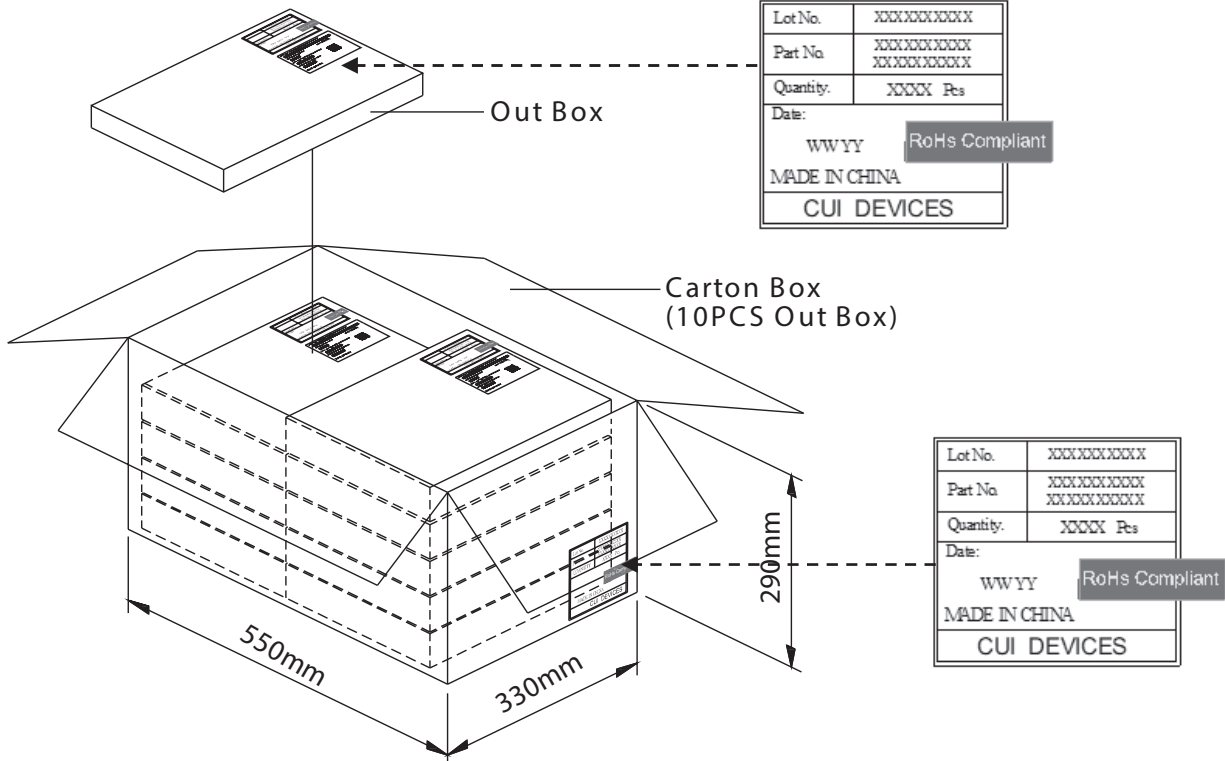
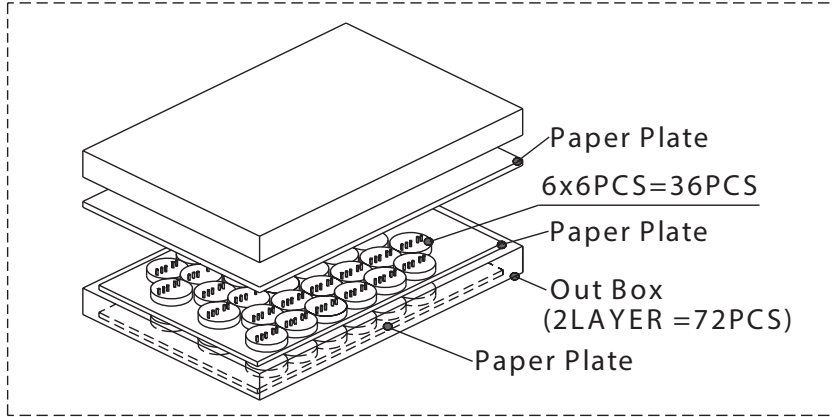
units: mm

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.



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