

**MODEL:** CPI-4233-87T | **DESCRIPTION:** PIEZO BUZZER INDICATOR

**FEATURES**

- pulsing tone
- 6~28 Vdc
- through hole


**SPECIFICATIONS**

| parameter             | conditions/description                    | min   | typ   | max   | units |
|-----------------------|---|-------|-------|-------|-------|
| rated voltage         |   |       | 12    |       | Vdc   |
| operating voltage     |   | 6     |       | 28    | Vdc   |
| current consumption   | at rated voltage                          |       |       | 9     | mA    |
| rated frequency       |   | 2,300 | 2,800 | 3,300 | Hz    |
| sound pressure level  | at 30 cm, rated voltage                   | 87    |       |       | dB    |
| tone                  | fast pulse at rated voltage (3.0 ±20% Hz) |       |       |       |       |
| dimensions            | ∅42.5 x 33.0                              |       |       |       | mm    |
| weight                |   |       |       | 36.5  | g     |
| material              | ABS (UL94 1/16" HB)                       |       |       |       |       |
| terminal              | pins (gold 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.

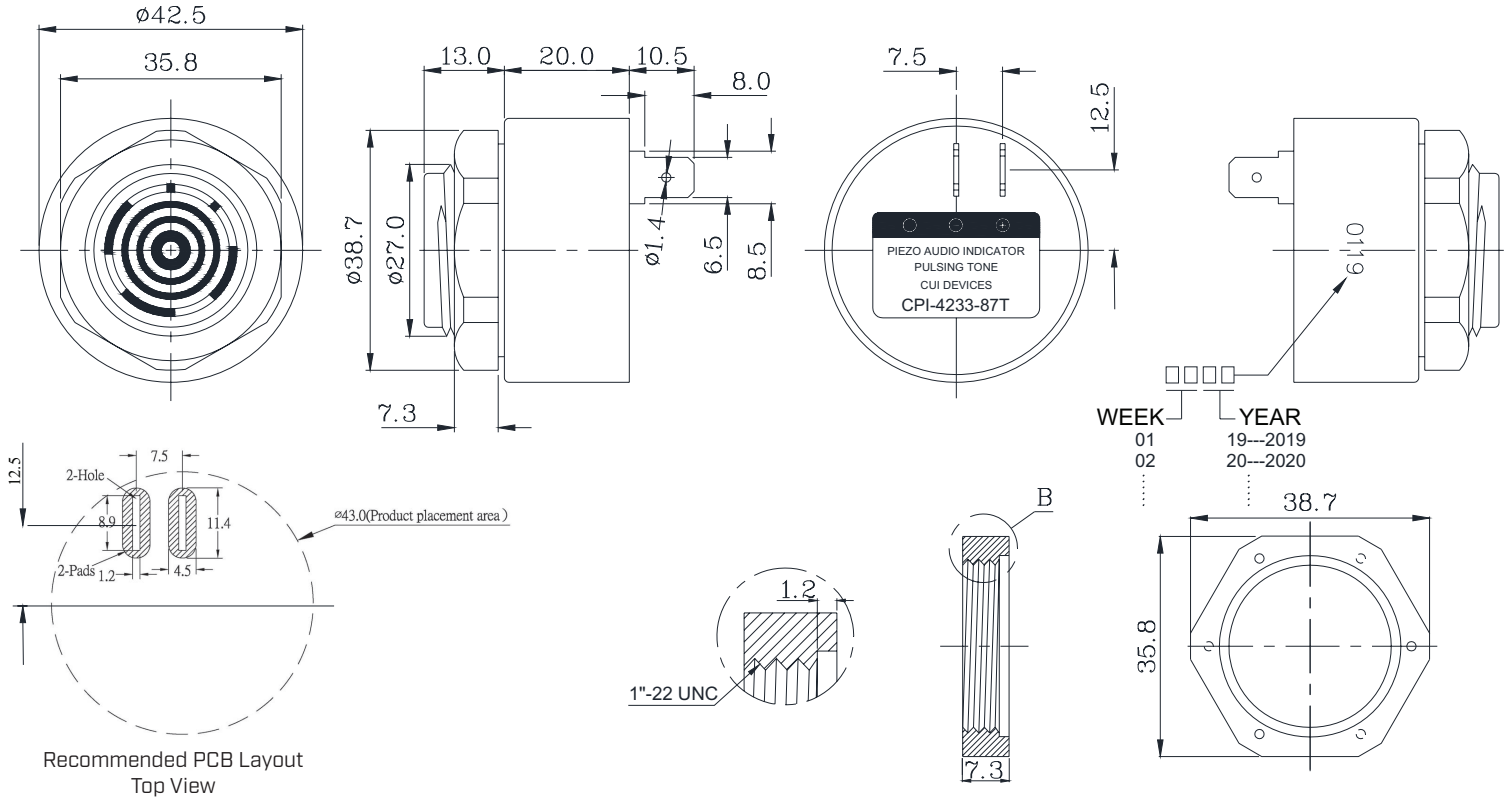
**SOLDERABILITY**

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

## MECHANICAL DRAWING

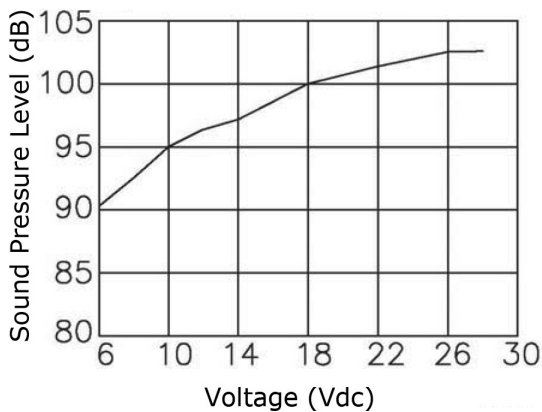
units: mm

tolerance: ±0.5 mm

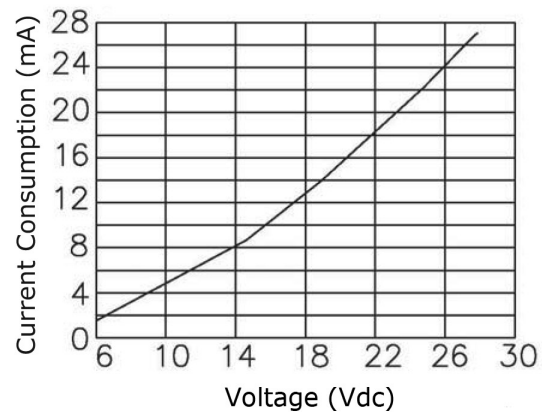


## PERFORMANCE CURVES

Voltage vs. Sound Pressure Level at 30 cm



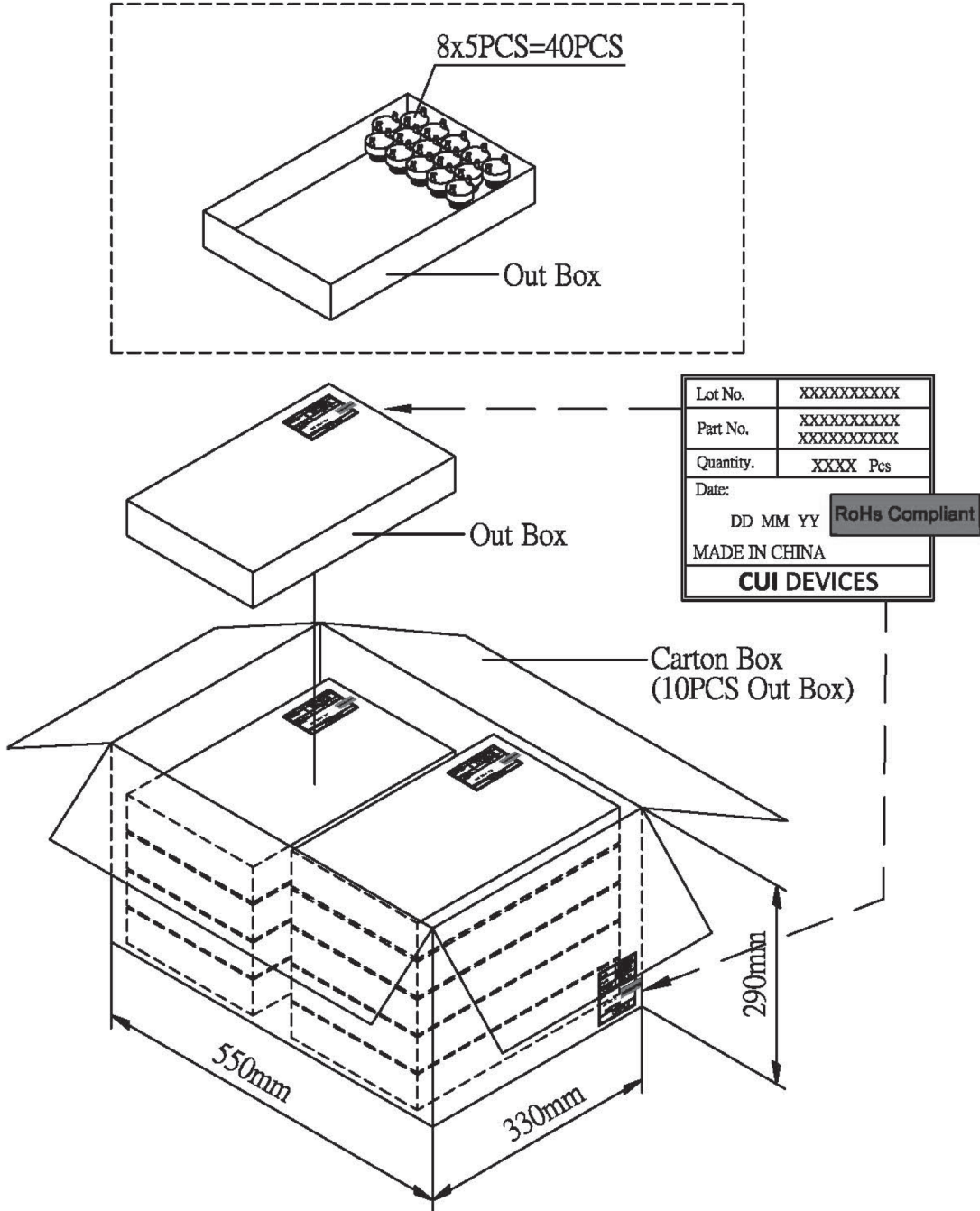
Voltage vs. Current Consumption



## PACKAGING

units: mm

Carton Size: 550 x 330 x 290 mm  
 Carton QTY: 400 pcs per carton



## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 12/12/2019 |
| 1.01 | logo, datasheet style update | 08/05/2022 |

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



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