

**MODEL:** CPI-4233-92T | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- fast pulse option
- continuous tone option
- through hole

**SPECIFICATIONS**

| parameter             | conditions/description                    | min   | typ   | max   | units |
|-----------------------|-------------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                           |       | 12    |       | Vdc   |
| operating voltage     |                                           | 6     |       | 28    | Vdc   |
| current consumption   | at rated voltage                          |       |       | 13    | mA    |
|                       | continuous tone                           |       |       | 11    | mA    |
|                       | fast pulse tone                           |       |       |       |       |
| rated frequency       |                                           | 2,300 | 2,800 | 3,300 | Hz    |
| sound pressure level  | at 30 cm, rated voltage                   |       |       |       |       |
|                       | continuous tone                           | 92    |       |       | dB    |
|                       | fast pulse tone                           | 87    |       |       | dB    |
| tone                  | continuous                                |       |       |       |       |
|                       | fast pulse at rated voltage (3.0 ±20% Hz) |       |       |       |       |
| dimensions            | Ø42.5 x 33.0                              |       |       |       | mm    |
| weight                |                                           |       |       | 35    | 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                                       |       |       |       |       |

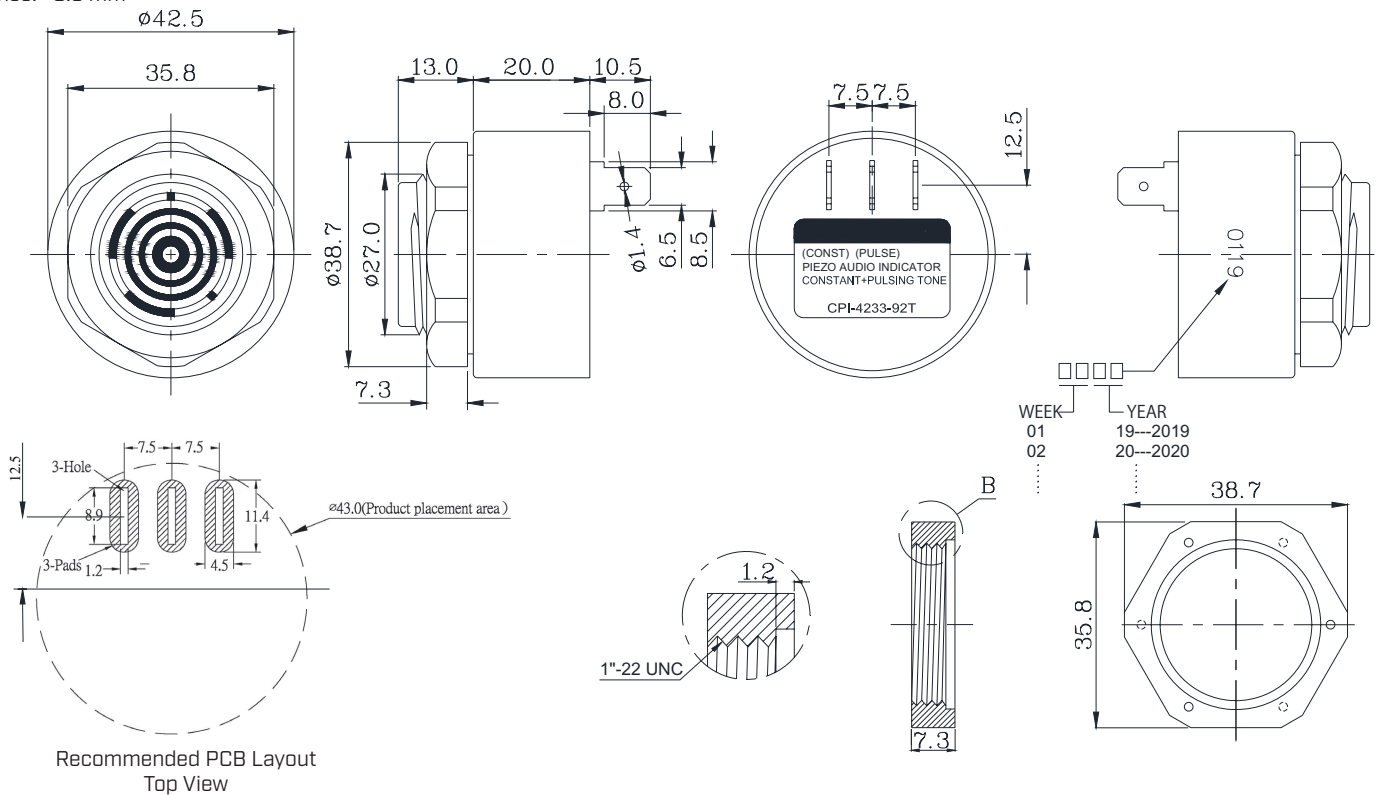
Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

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

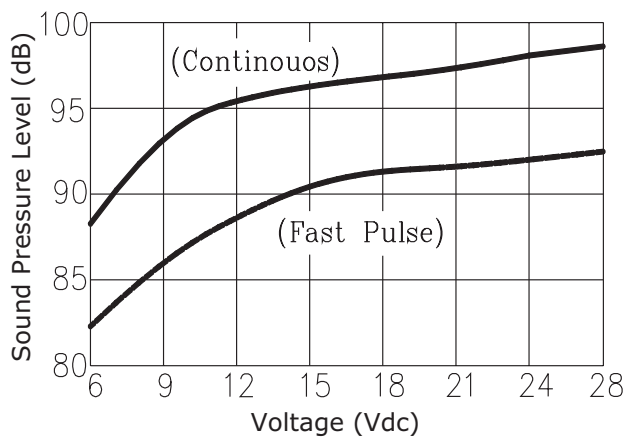
# MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

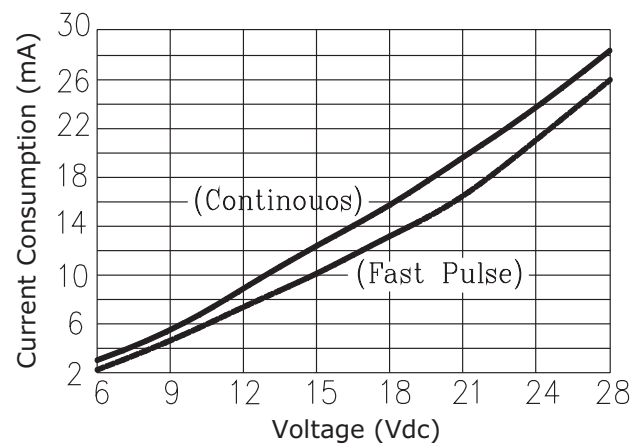


## PERFORMANCE CURVES

### Voltage vs. Sound Pressure Level at 30 cm



## Voltage vs. Current Consumption

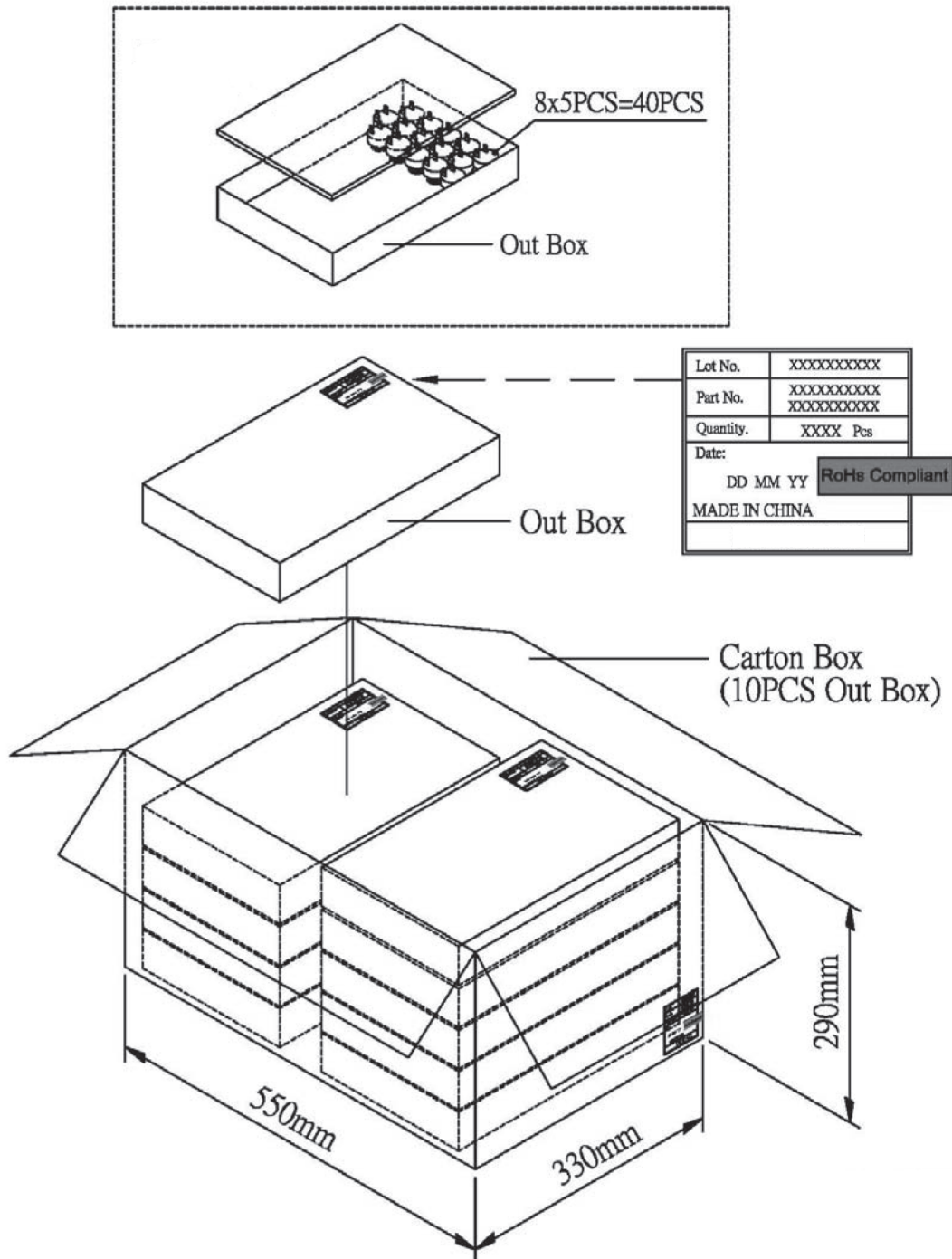


## PACKAGING

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                   | 12/11/2019 |
| 1.01 | logo, datasheet style update      | 08/05/2022 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/11/2024 |

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



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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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