



MODEL:

CPI-4233C-120

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DESCRIPTION:

PIEZO BUZZER INDICATOR

FEATURES

- includes driving circuit
- screw terminal mount
- 94 dB SPL



SPECIFICATIONS

| parameter             | conditions/description       | min   | typ   | max   | units |
|-----------------------|------------------------------|-------|-------|-------|-------|
| rated voltage         |                              |       | 12    |       | Vdc   |
| operating voltage     |                              | 6     |       | 28    | Vdc   |
| current consumption   | at rated voltage             |       |       | 12    | mA    |
| rated frequency       |                              | 2,300 | 2,800 | 3,300 | Hz    |
| sound pressure level  | at 30 cm, rated voltage      | 94    |       |       | dB    |
| dimensions            | Ø42.5 x 33.0                 |       |       |       | mm    |
| weight                |                              |       |       | 33.9  | g     |
| material              | ABS UL94 1/16" HB High Heat  |       |       |       |       |
| terminal              | screw terminals [Sn plating] |       |       |       |       |
| operating temperature |                              | -30   |       | 85    | °C    |
| storage temperature   |                              | -40   |       | 95    | °C    |
| RoHS                  | yes                          |       |       |       |       |

Notes:

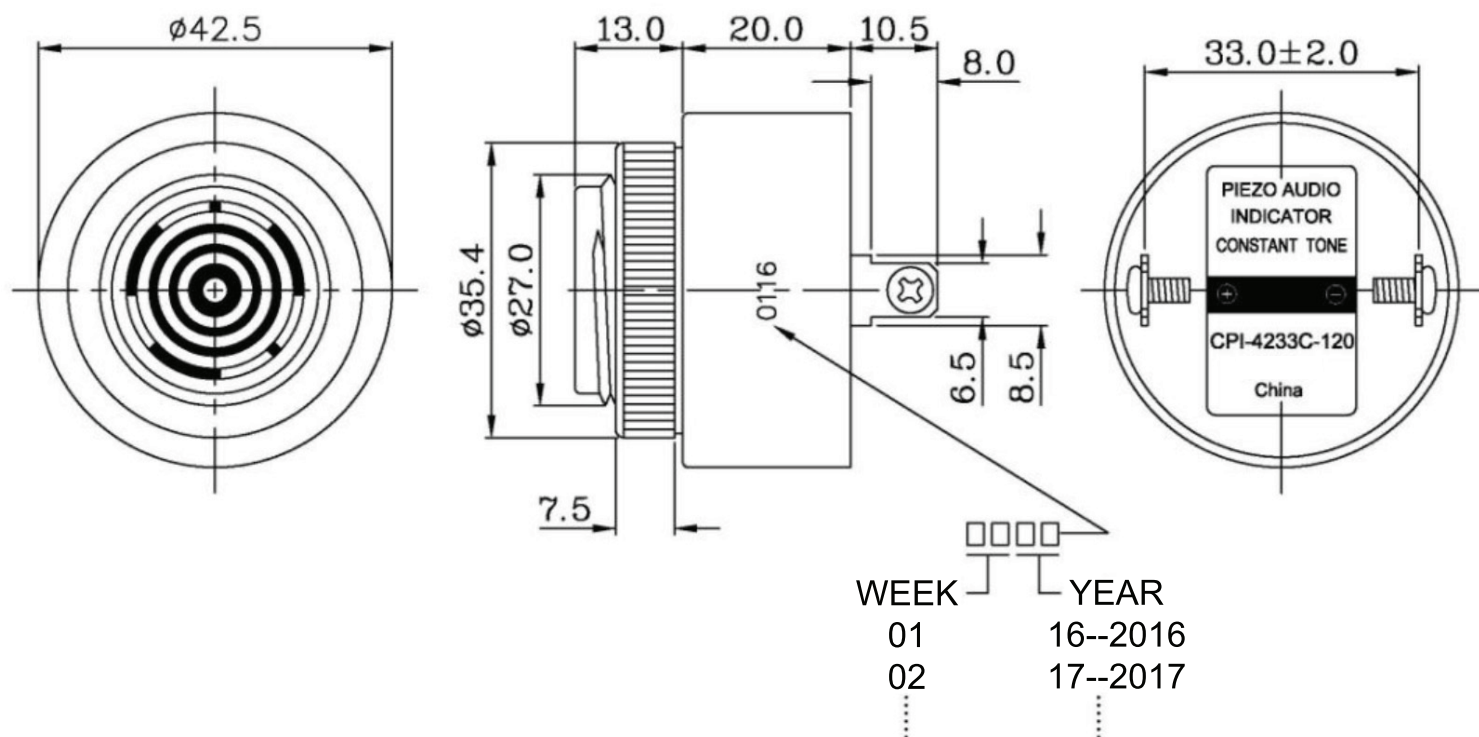
1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

SOLDERABILITY

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 5 seconds  | 330 |     | 380 | °C    |

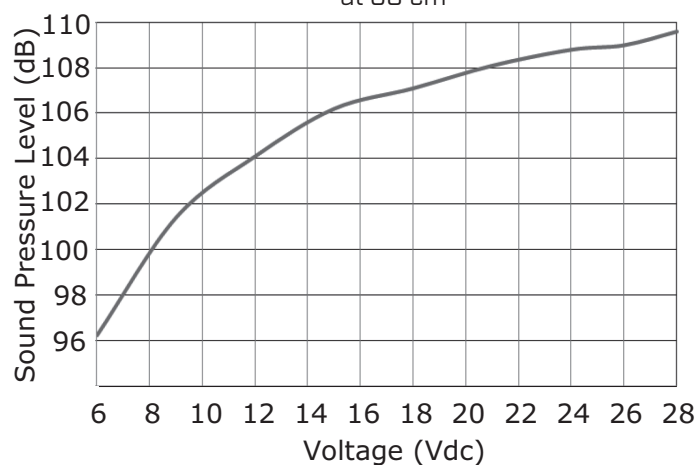
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

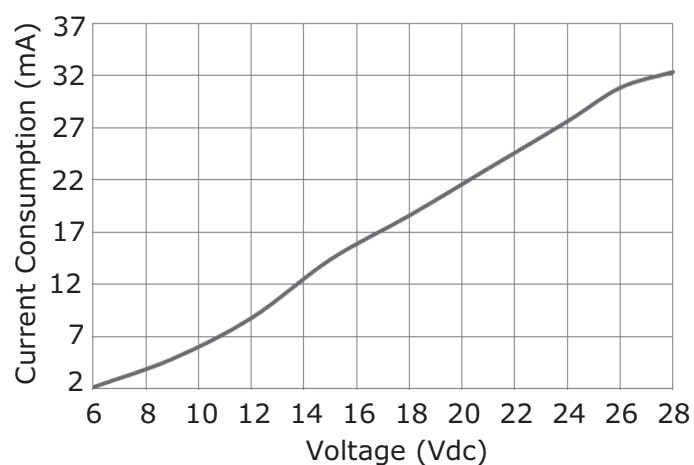


## PERFORMANCE CURVES

Voltage vs. Sound Pressure Level  
at 30 cm



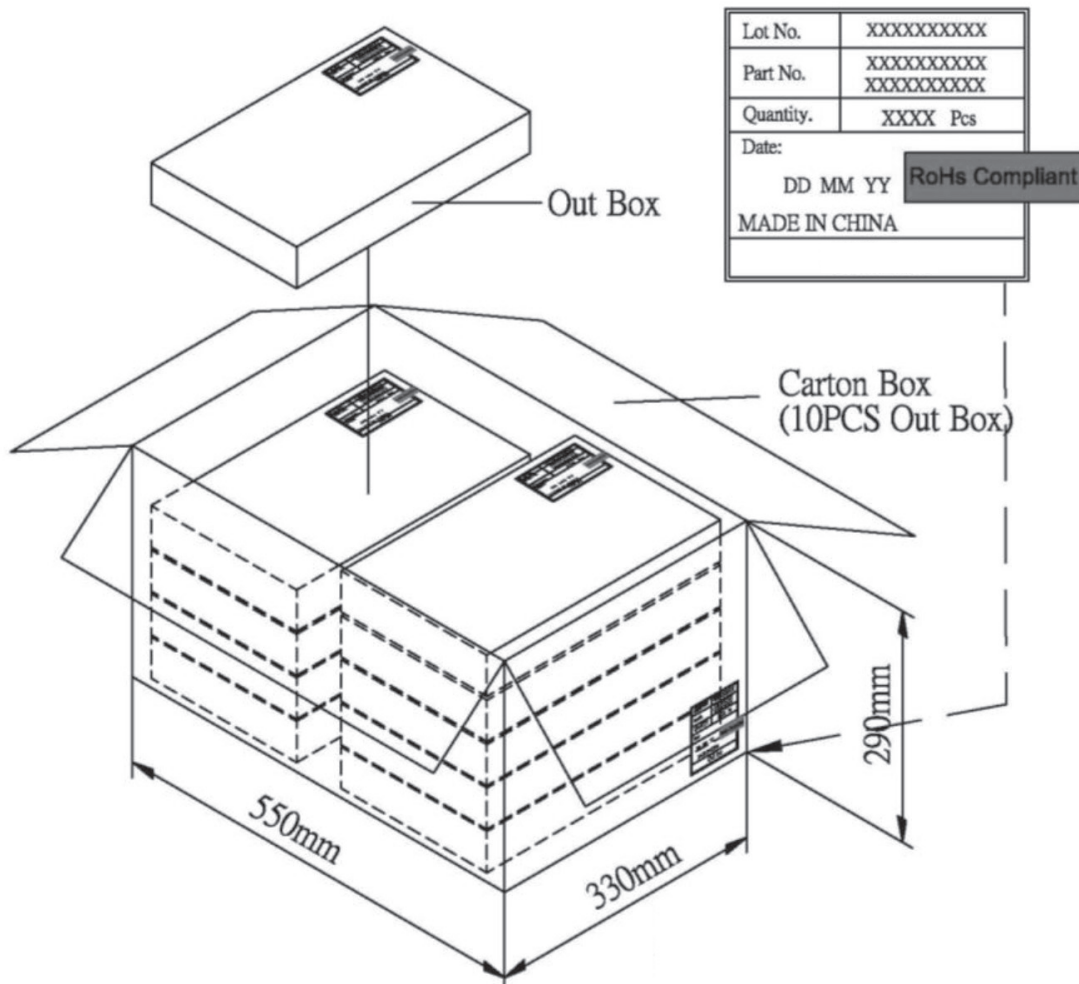
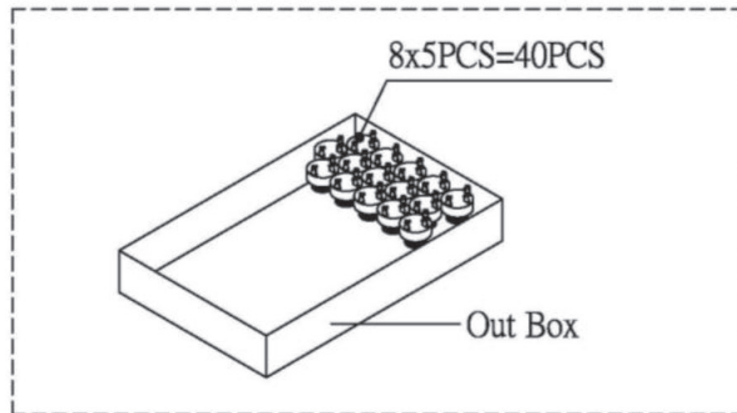
Voltage vs. Current Consumption



## PACKAGING

units: mm

Outer Box Size: 310 x 248 x 49 mm  
Carton Size: 550 x 330 x 290 mm  
Outer Box QTY: 40 pcs per outer box  
Carton QTY: 400 pcs per carton



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 03/31/2016 |
| 1.01 | brand update                      | 11/22/2019 |
| 1.02 | logo, datasheet style update      | 08/05/2022 |
| 1.03 | 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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