

**MODEL:** CEP-2272A | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- through-hole pins
- 12 Vdc rating
- 3.5 kHz rated frequency

**SPECIFICATIONS**

| parameter             | conditions/description    | min   | typ   | max   | units |
|-----------------------|---------------------------|-------|-------|-------|-------|
| rated voltage         |                           |       | 12    |       | Vdc   |
| operating voltage     |                           | 3     |       | 20    | Vdc   |
| current consumption   | at rated voltage          |       |       | 10    | mA    |
| rated frequency       |                           | 3,000 | 3,500 | 4,000 | Hz    |
| sound pressure level  | at 30 cm, rated voltage   | 93    |       |       | dB    |
| dimensions            | Ø31.3 x 16.0              |       |       |       | mm    |
| weight                |                           |       | 7.0   |       | g     |
| material              | ABS UL94 1/16" HB (black) |       |       |       |       |
| terminal              | pin type [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 86-106kPa pressure, unless otherwise noted.

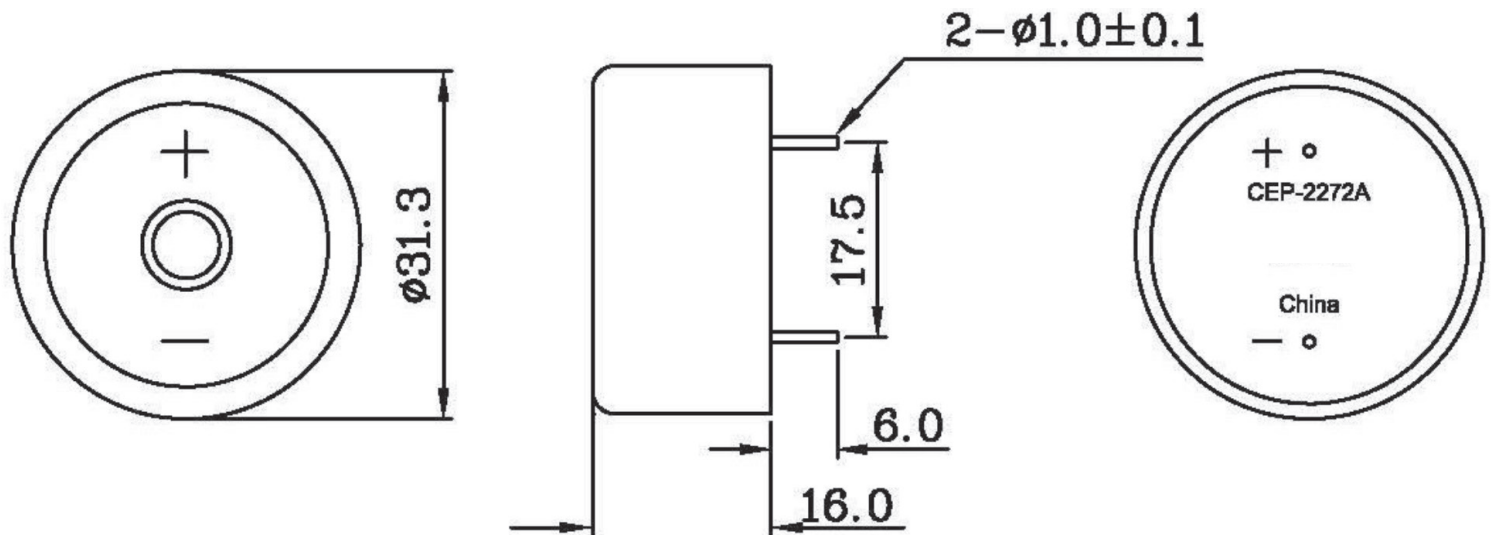
**SOLDERABILITY**

| parameter                   | conditions/description | min | typ | max | units |
|-----------------------------|------------------------|-----|-----|-----|-------|
| hand soldering <sup>2</sup> | for maximum 2 seconds  | 330 |     | 380 | °C    |

Notes: 2. Not recommended for wave soldering

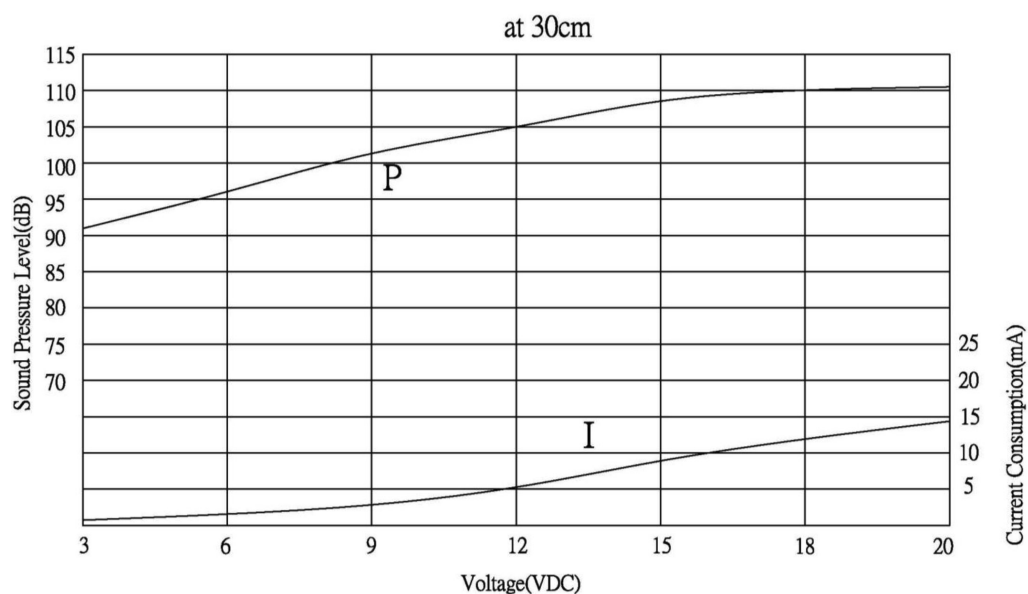
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

P: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 02/01/2006 |
| 1.01 | applied new spec template         | 06/18/2015 |
| 1.02 | updated datasheet                 | 03/12/2019 |
| 1.03 | brand update                      | 11/13/2019 |
| 1.04 | logo, datasheet style update      | 08/05/2022 |
| 1.05 | 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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