

**MODEL:** CEM-1205-IC | **DESCRIPTION:** MAGNETIC BUZZER INDICATOR**FEATURES**

- internally driven
- 5.0 Vdc rating
- 2400 Hz rated frequency

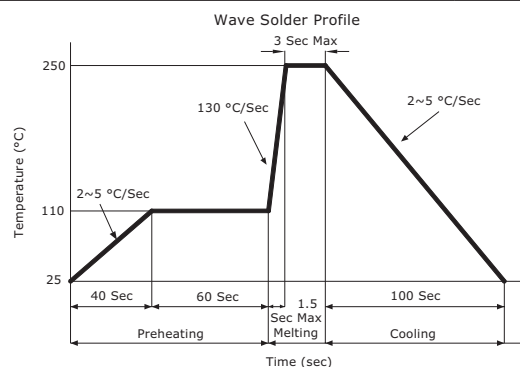
**SPECIFICATIONS**

| parameter             | conditions/description             | min   | typ   | max   | units |
|-----------------------|------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                    |       | 5.0   |       | Vdc   |
| operating voltage     |                                    | 3.0   |       | 6.0   | Vdc   |
| current consumption   | at rated voltage                   |       |       | 30    | mA    |
| rated frequency       |                                    | 2,250 | 2,400 | 2,550 | Hz    |
| sound pressure level  | at 10 cm (A-weight), rated voltage | 87    | 92    |       | dBA   |
| tone                  | continuous                         |       |       |       |       |
| dimensions            | Ø12.0 x 9.5                        |       |       |       | mm    |
| weight                |                                    |       | 1.75  |       | g     |
| material              | PBT (black)                        |       |       |       |       |
| terminal              | pins (gold plating)                |       |       |       |       |
| operating temperature |                                    | -40   |       | 80    | °C    |
| storage temperature   |                                    | -40   |       | 80    | °C    |
| washable              | yes                                |       |       |       |       |
| RoHS                  | yes                                |       |       |       |       |

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

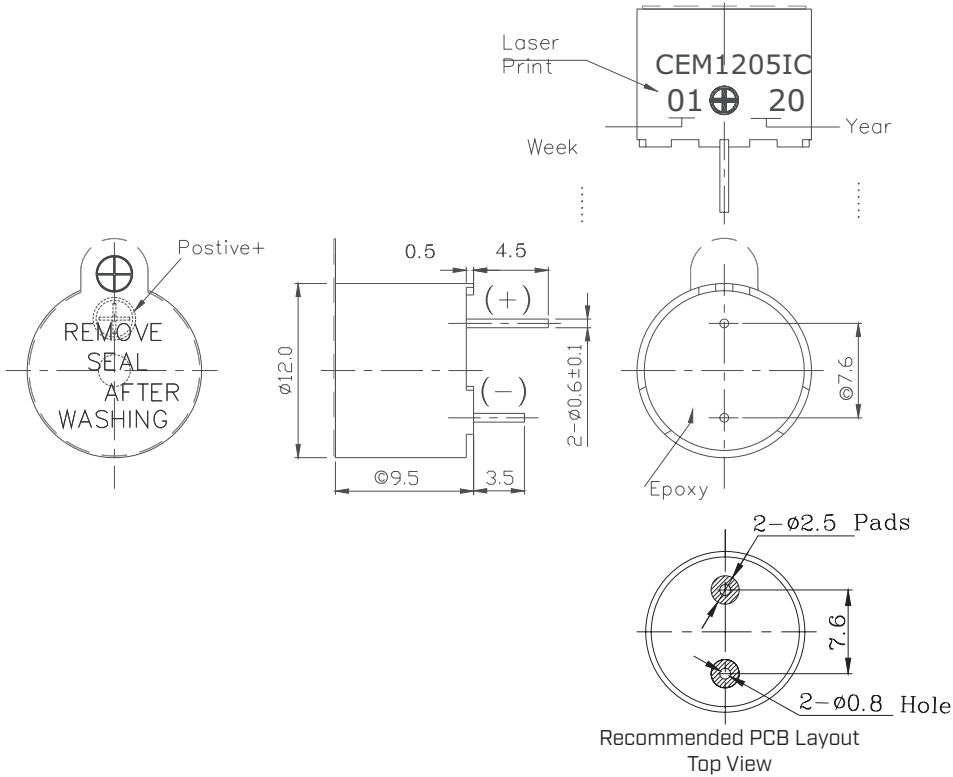
**SOLDERABILITY**

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



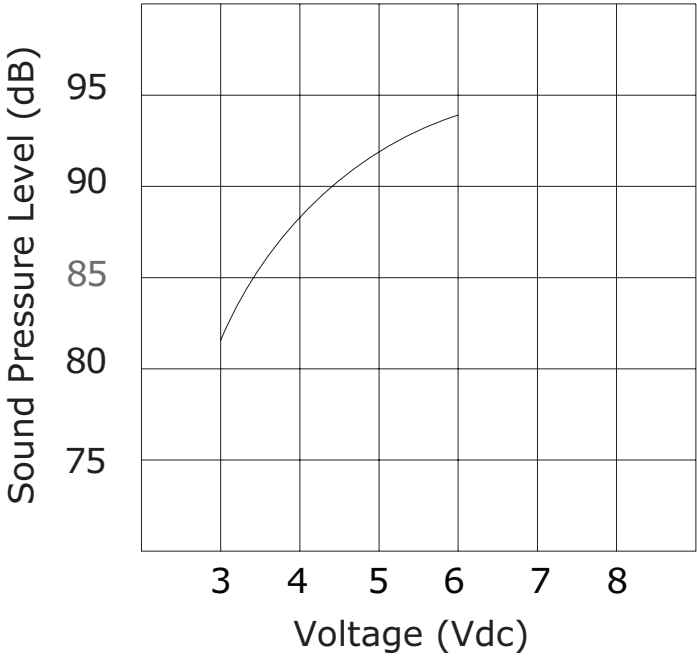
MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

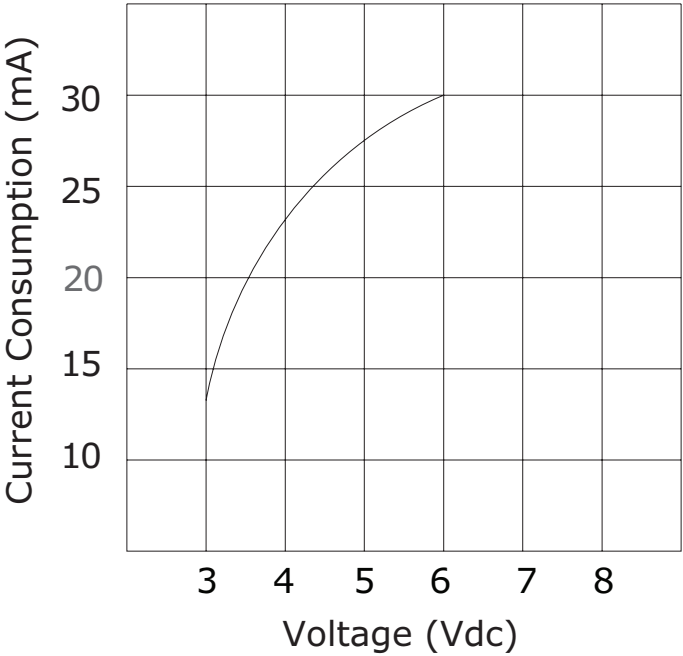


PERFORMANCE CURVES

Voltage vs. Sound Pressure Level  
at 10 cm, 25°C



Voltage vs. Current Consumption  
at 10 cm, 25°C



## PACKAGING

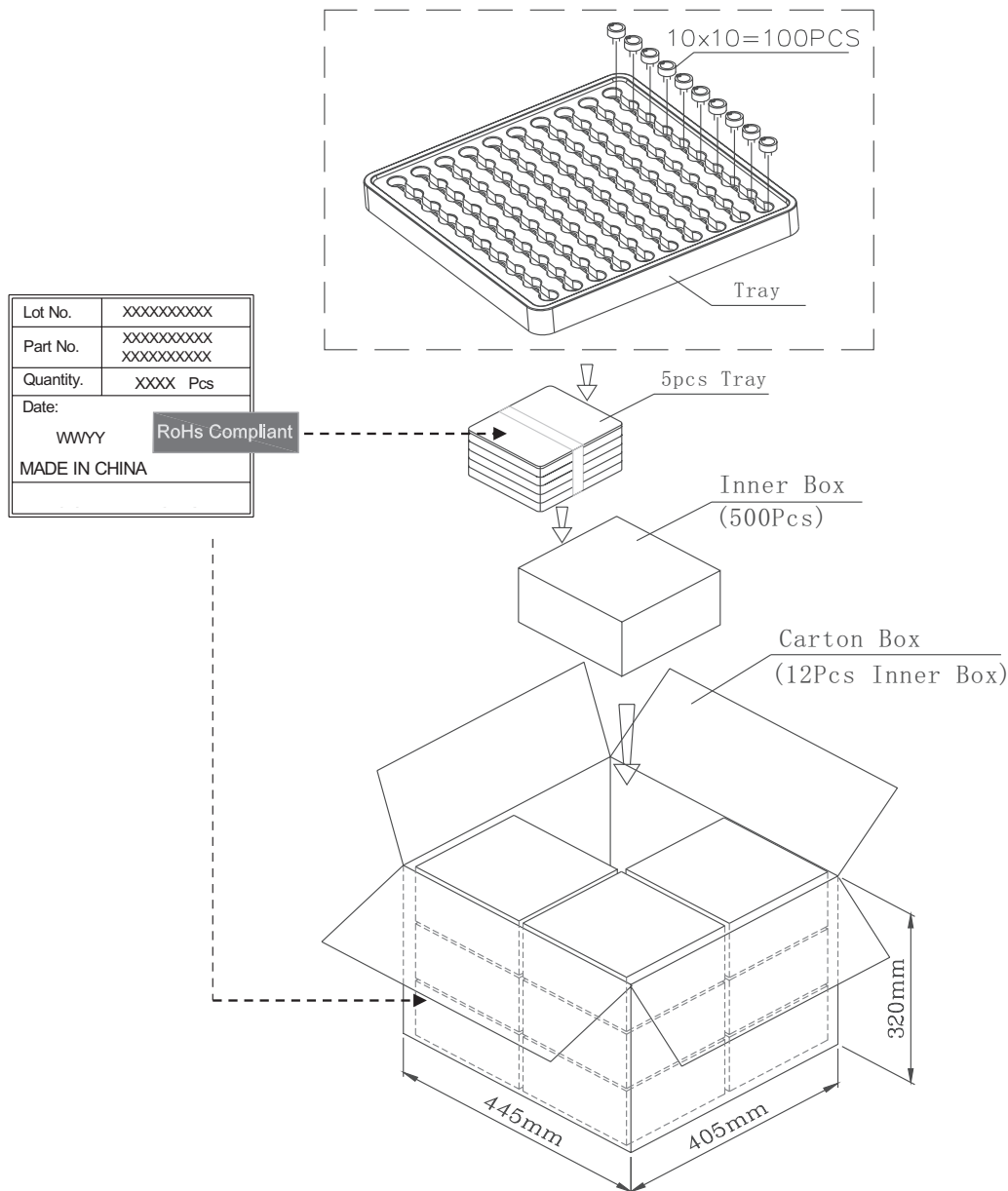
units: mm

Tray Size: 184 x 180 x 23 mm

Tray QTY: 100 pcs per tray

Carton Size: 440 x 400 x 310 mm

Carton QTY: 6,000 pcs per carton



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 04/23/2021 |
| 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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