

**MODEL:** CMI-8536-82-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER INDICATOR**FEATURES**

- compact design
- magnetic
- surface mount
- internally driven

**SPECIFICATIONS**

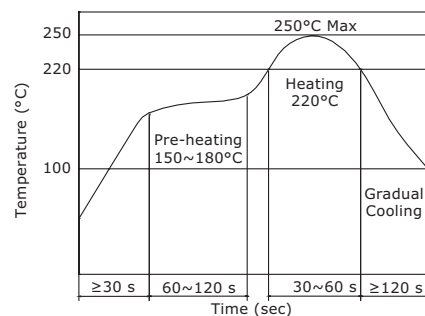
| parameter             | conditions/description  | min   | typ   | max   | units |
|-----------------------|-------------------------|-------|-------|-------|-------|
| rated voltage         |                         |       | 3     |       | Vdc   |
| operating voltage     |                         | 2     |       | 5     | Vdc   |
| current consumption   | at rated voltage        |       |       | 40    | mA    |
| rated frequency       | at rated voltage        | 2,600 | 2,700 | 2,800 | Hz    |
| sound pressure level  | at 10 cm, rated voltage | 82    |       |       | dB    |
| tone                  | continuous              |       |       |       |       |
| dimensions            | 8.5 x 8.5 x 3.6         |       |       |       | mm    |
| weight                |                         |       |       | 0.8   | g     |
| material              | LCP                     |       |       |       |       |
| terminal              | surface mount (brass)   |       |       |       |       |
| operating temperature |                         | -40   |       | 85    | °C    |
| storage temperature   |                         | -40   |       | 85    | °C    |
| washable              | no                      |       |       |       |       |
| RoHS                  | yes                     |       |       |       |       |

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

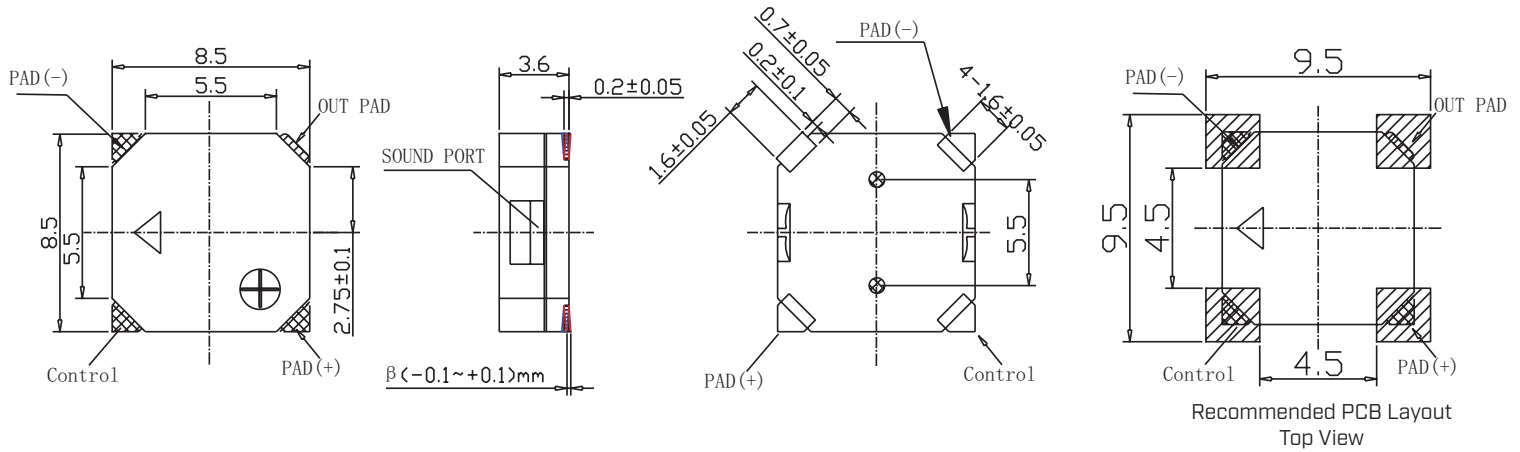
| parameter                      | conditions/description                   | min | typ | max | units |
|--------------------------------|------------------------------------------|-----|-----|-----|-------|
| reel storage                   | at relative humidity <60%                |     |     | 25  | °C    |
| reflow soldering <sup>2</sup>  | see recommended reflow soldering profile |     |     | 250 | °C    |
| drying conditions <sup>3</sup> | bake at 40°C for 24 hours                |     |     |     |       |

Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.  
3. When out of packaging for more than 48 hours.

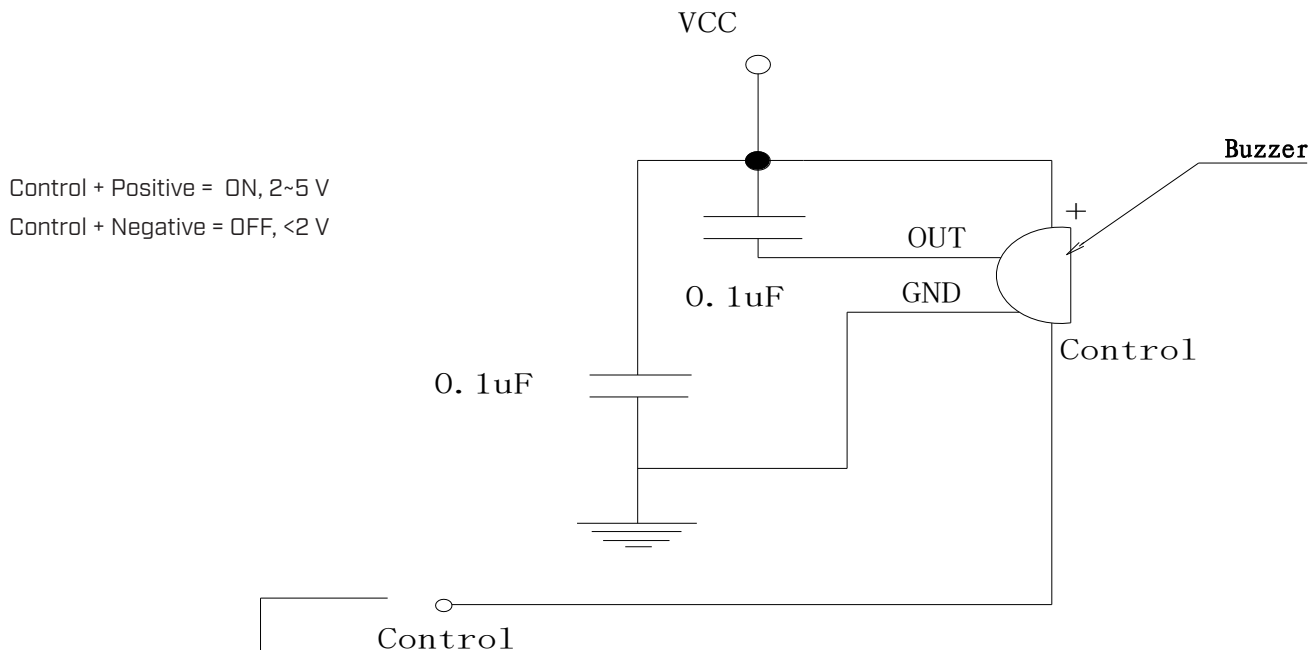


## MECHANICAL DRAWING

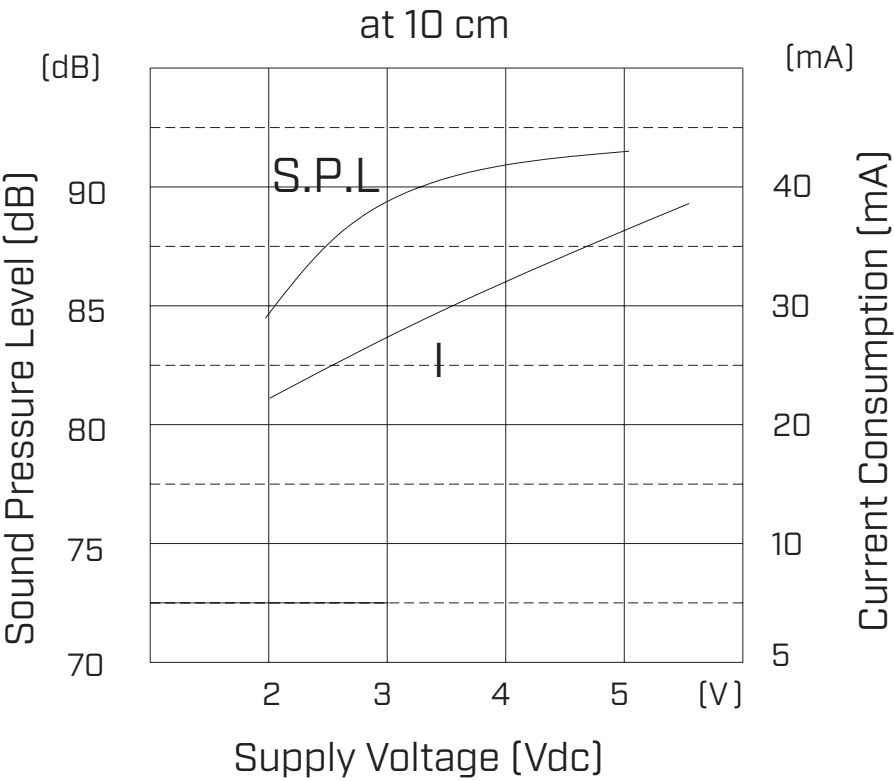
units: mm  
tolerance:  $\pm 0.3$  mm



## APPLICATION CIRCUIT



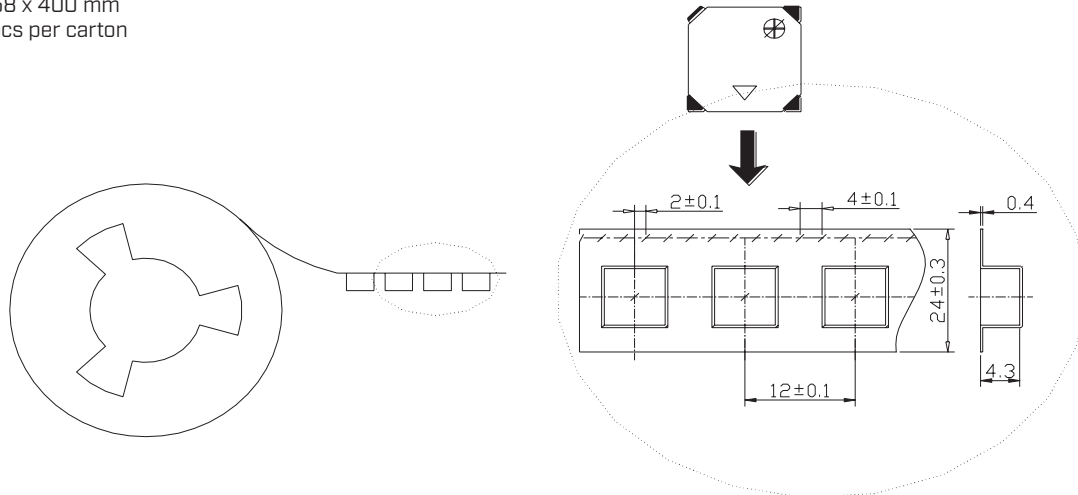
PERFORMANCE CURVES



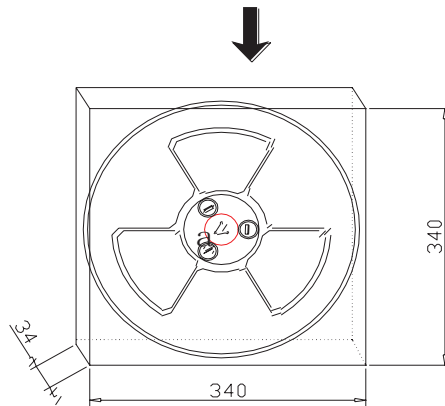
## PACKAGING

units: mm

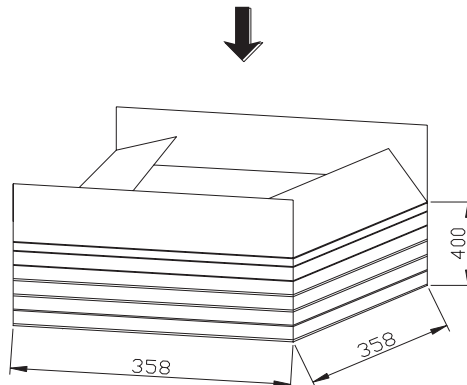
Reel Size:  $\varnothing 330$  mm  
Reel QTY: 1,000 pcs per reel  
Carton Size: 358 x 358 x 400 mm  
Carton QTY: 10,000 pcs per carton



1000PCS/CARRIER REEL



1ROLL CARRIER REEL/INNER BOX



10000PCS/CTN

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 08/07/2023 |
| 1.01 | added application circuit         | 04/15/2024 |
| 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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