CUI Devices is now Same Sky! Learn More



# MODEL: CMI-9655S-SMT-TR | DESCRIPTION: MAGNETIC BUZZER INDICATOR

## FEATURES

- includes driving circuit
- SMT
- washable

RoHS

## SPECIFICATIONS

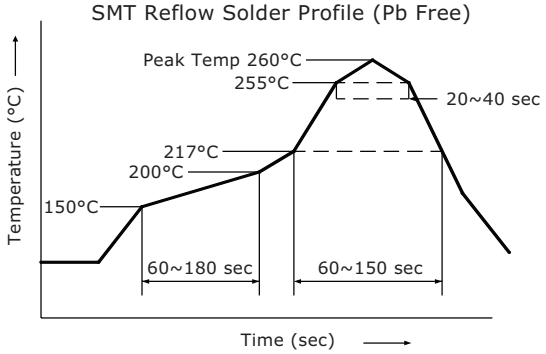
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage | | | 5.0 | | Vdc |
| operating voltage | | 4.0 | | 7.0 | Vdc |
| current consumption | | | | 30 | mA |
| rated frequency | | 2,500 | 2,700 | 2,900 | Hz |
| sound pressure level | at 10 cm (A-weight), rated voltage | 80 | 85 | | dBA |
| dimensions | 9.6 x 9.6 x 5.0 | | | | mm |
| weight | | | 1.5 | | g |
| material | PPS | | | | |
| terminal | SMT type (Sn plating) | | | | |
| operating temperature | | -40 | | 85 | °C |
| storage temperature | | -40 | | 85 | °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

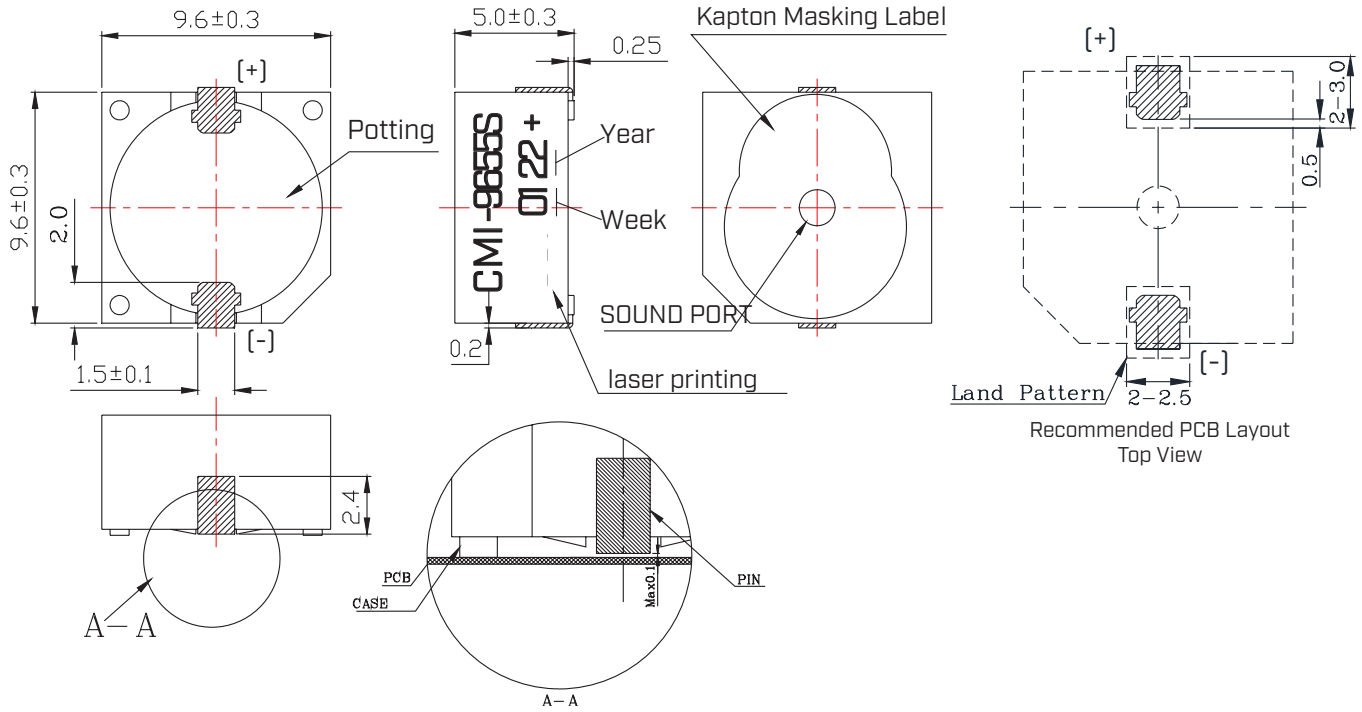
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| reel storage | at relative humidity <40% | | | 25 | °C |
| reflow soldering[2] | see recommended reflow soldering profile | | | 260 | °C |
| drying conditions[3] | bake at 40°C for 24 hours | | | | |

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.



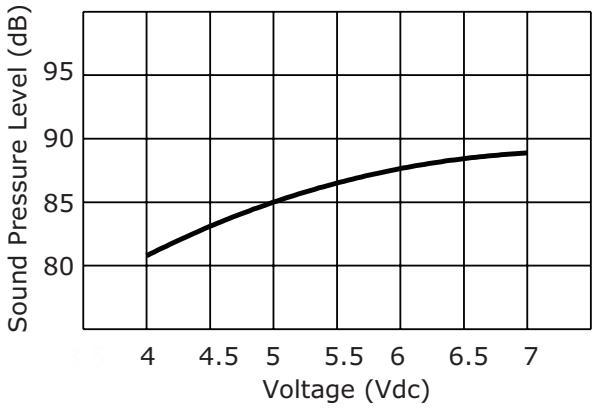
## MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

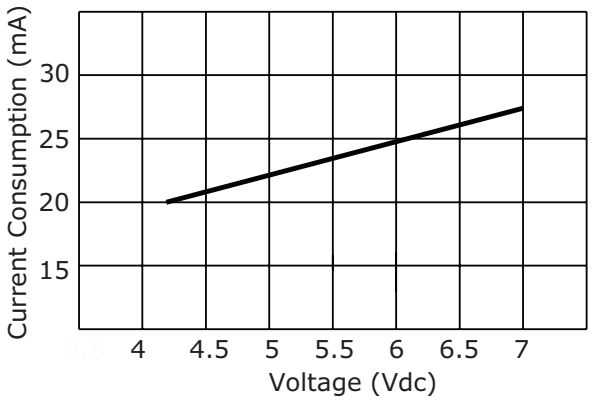



## PERFORMANCE CURVES

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



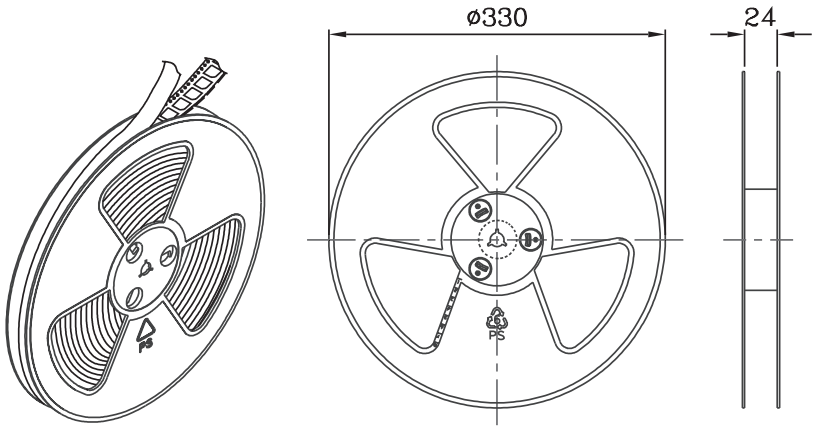

Voltage vs. Current Consumption
at 25°C



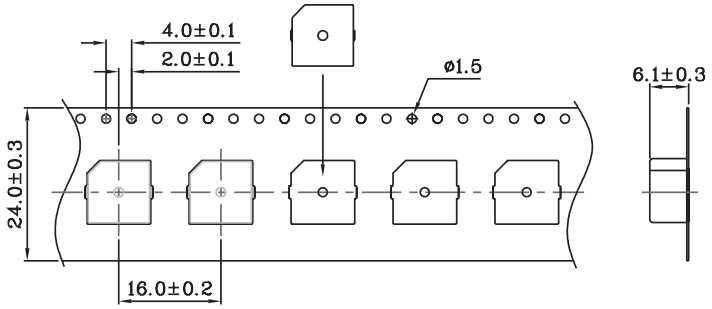
## PACKAGING

units: mm

Reel Size: Ø330 mm
Carton Size: 370 x 350 x 350 mm
Reel QTY: 600 pcs per reel
Carton QTY: 6,000 pcs per carton

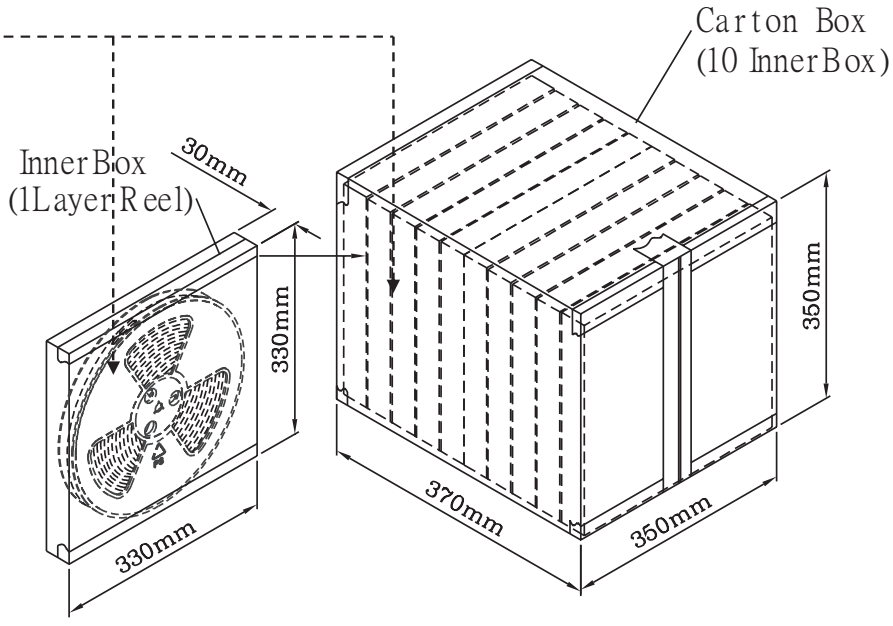



1 Reel : 600PCS




| | |
|---|---|
| Lot No. | XXXXXXXXXX |
| Model No. | XXXXXXXXXX |
| Quantity. | XXXX Pcs |
| Date: DD MM YY<br>MADE IN CHINA | G |

The label is placed on the inner boxes and outer carton.



## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 03/29/2016 |
| 1.01 | added storage and drying conditions | 05/22/2019 |
| 1.02 | brand update | 11/22/2019 |
| 1.03 | logo, datasheet style update | 08/05/2022 |
| 1.04 | made the tolerance on the rated frequency tighter | 12/15/2022 |
| 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

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