

**MODEL:** CMI-9605IC-0580T | **DESCRIPTION:** MAGNETIC BUZZER INDICATOR**FEATURES**

- 5 Vdc rated
- 80 dB
- through hole
- magnetic
- internally driven
- narrow frequency range
- used in medical & security applications

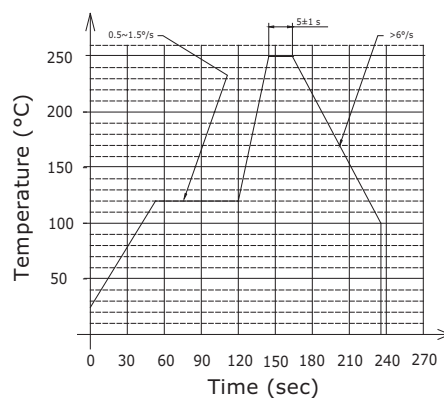
**SPECIFICATIONS**

| parameter             | conditions/description        | min   | typ   | max   | units |
|-----------------------|-------------------------------|-------|-------|-------|-------|
| rated voltage         |                               |       | 5     |       | Vdc   |
| operating voltage     |                               | 3     |       | 7     | Vdc   |
| current consumption   | at rated voltage              |       |       | 30    | mA    |
| rated frequency       | at rated voltage              | 2,600 | 2,700 | 2,800 | Hz    |
| sound pressure level  | at 10 cm, rated voltage       | 80    |       |       | dB    |
| tone                  | single                        |       |       |       |       |
| dimensions            | Ø9.6 x 5.0                    |       |       |       | mm    |
| weight                |                               |       | 0.8   |       | g     |
| material              | PBT                           |       |       |       |       |
| terminal              | pins (brass with tin plating) |       |       |       |       |
| operating temperature |                               | -30   |       | 70    | °C    |
| storage temperature   |                               | -40   |       | 85    | °C    |
| washable              | yes                           |       |       |       |       |
| RoHS                  | yes                           |       |       |       |       |

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

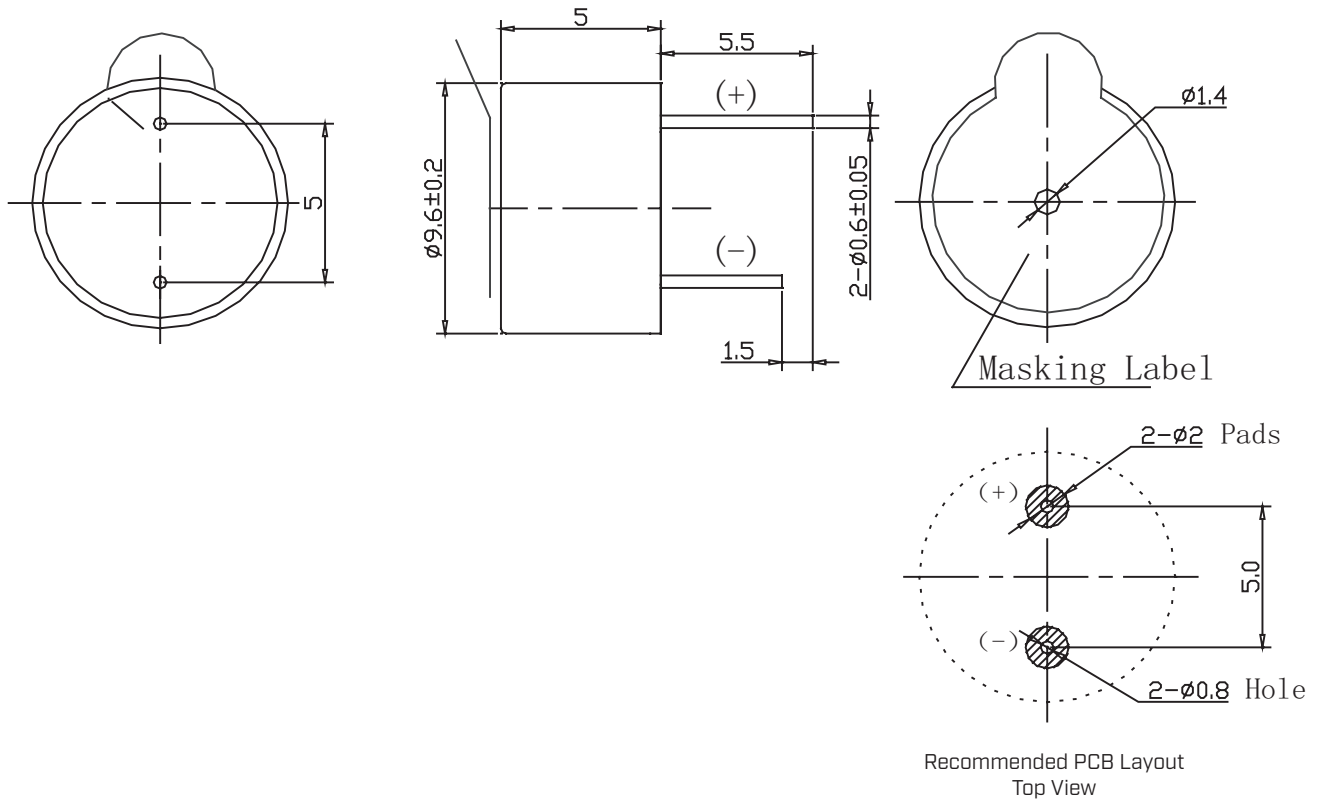
**SOLDERABILITY**

| parameter      | conditions/description                 | min | typ | max | units |
|----------------|----------------------------------------|-----|-----|-----|-------|
| wave soldering | see recommended wave soldering profile |     |     | 250 | °C    |



## MECHANICAL DRAWING

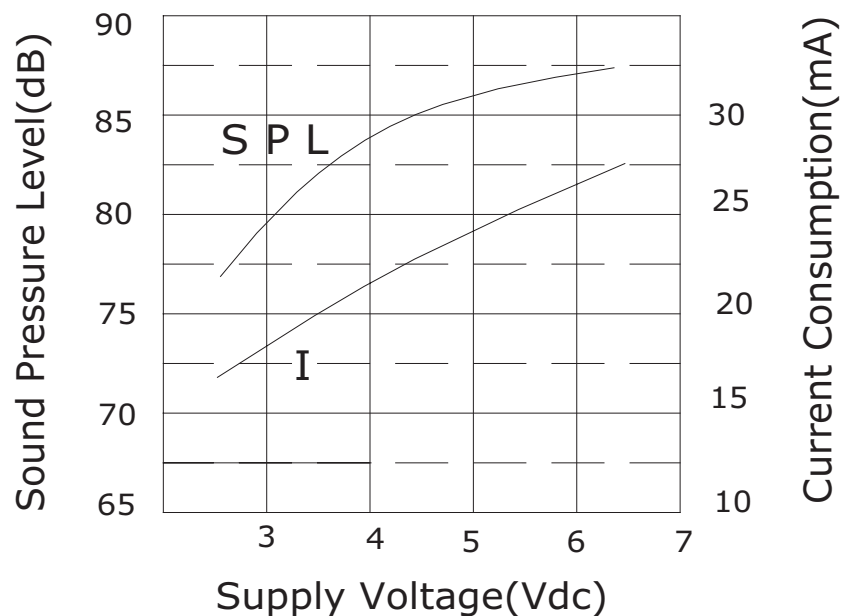
units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

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

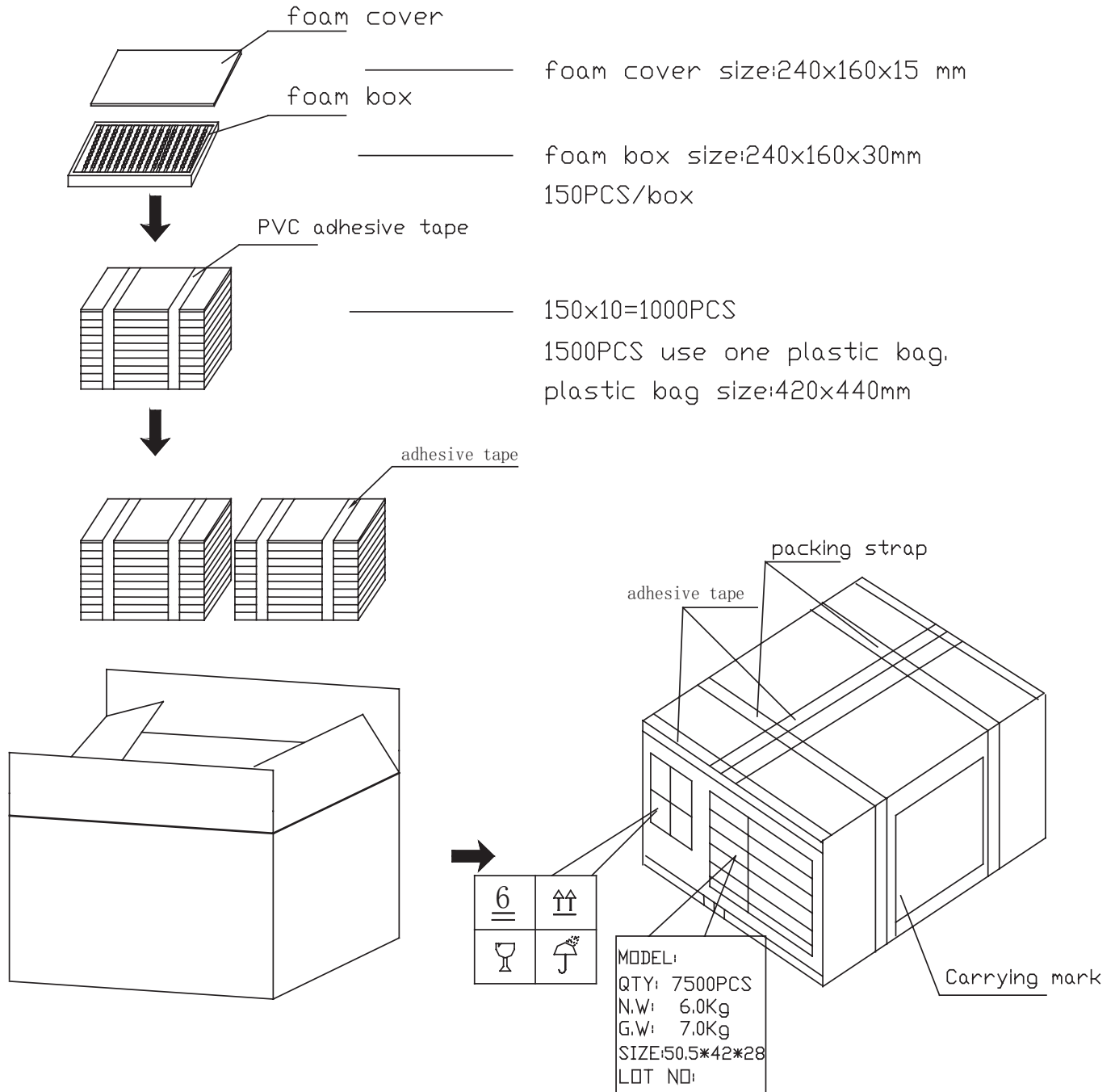
at 10 cm



## PACKAGING

units: mm

Carton Size: 505 x 420 x 280 mm  
Carton QTY: 7,500 pcs per carton



## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 11/12/2019 |
| 1.01 | logo, datasheet style update | 08/05/2022 |

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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