

**MODEL:** CPI-137-83T | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- washable
- internally driven
- through hole

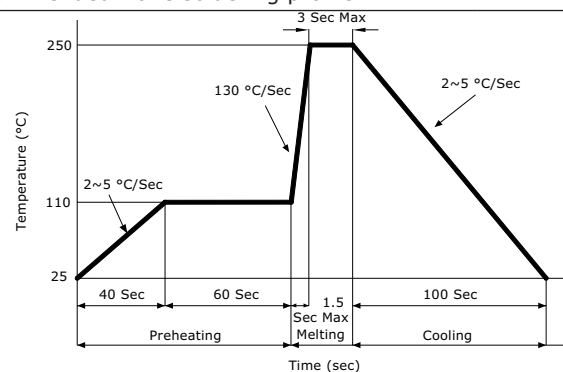
**SPECIFICATIONS**

| parameter             | conditions/description  | min   | typ | max   | units |
|-----------------------|-------------------------|-------|-----|-------|-------|
| rated voltage         |                         |       | 5   |       | Vdc   |
| operating voltage     |                         | 4     |     | 10    | Vdc   |
| current consumption   | at rated voltage        |       |     | 10    | mA    |
| rated frequency       |                         | 3,800 |     | 4,800 | Hz    |
| sound pressure level  | at 10 cm, rated voltage | 83    |     |       | dB    |
| tone                  | continuous              |       |     |       |       |
| dimensions            | Ø13.9 x 7.5             |       |     |       | mm    |
| weight                |                         |       |     | 1.1   | g     |
| material              | PBT                     |       |     |       |       |
| terminal              | pins (gold plating)     |       |     |       |       |
| operating temperature |                         | -40   |     | 85    | °C    |
| storage temperature   |                         | -40   |     | 90    | °C    |
| washable              | yes                     |       |     |       |       |
| RoHS                  | yes                     |       |     |       |       |

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

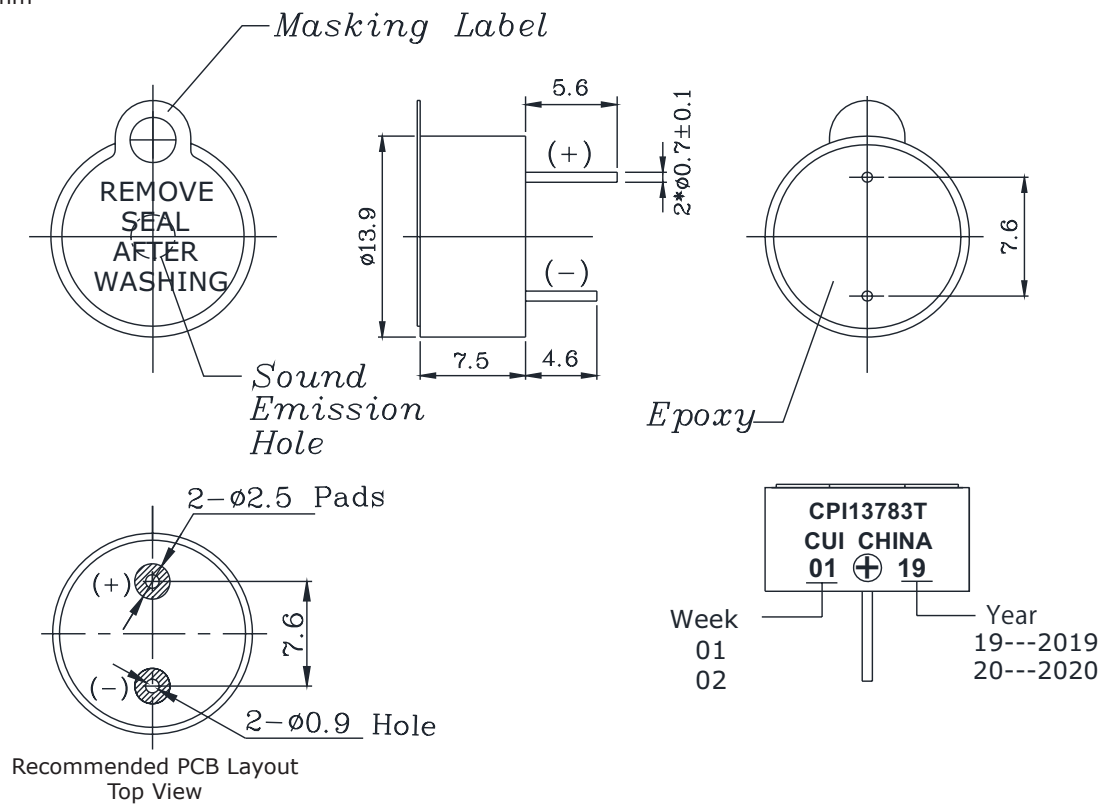
**SOLDERABILITY**

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



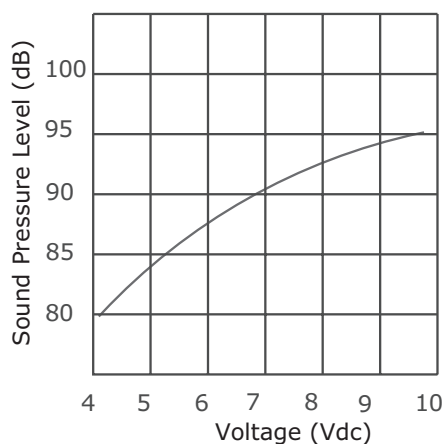
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

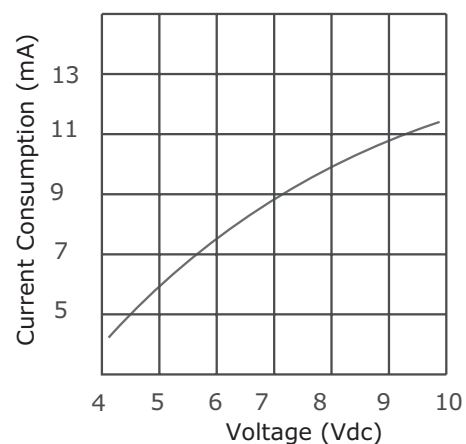


## PERFORMANCE CURVES

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



Voltage vs. Current Consumption  
at 25°C



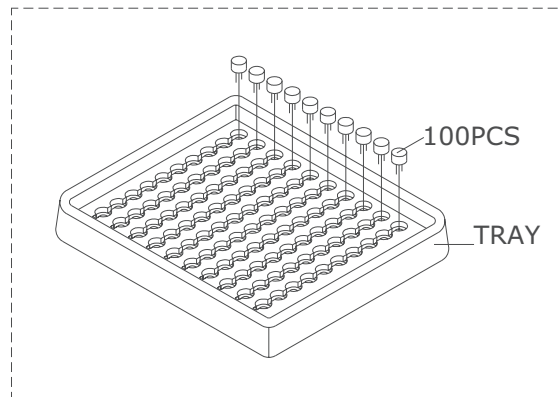
## PACKAGING

units: mm

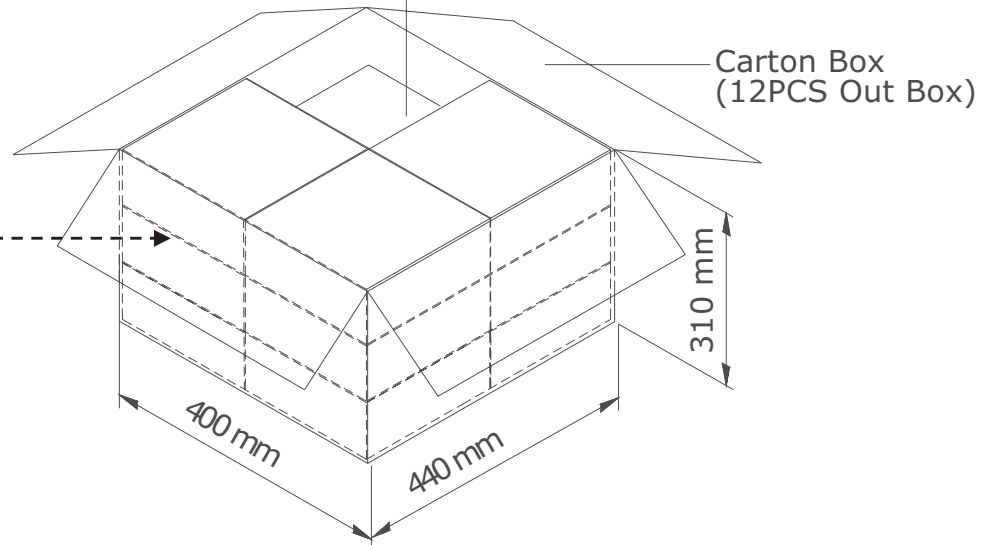
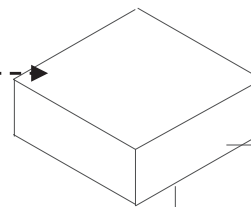
Inner Egg Tray Size: 184 x 180 x 23 mm

Carton Size: 440 x 400 x 310 mm

Carton QTY: 6,000 pcs per carton



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

**RoHs Compliant**

## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 12/10/2019 |

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

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# CUI DEVICES

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