


**MODEL:** CPI-3020-90T | **DESCRIPTION:** PIEZO BUZZER INDICATOR

**FEATURES**

- through hole
- 93 dB
- piezo
- internally driven

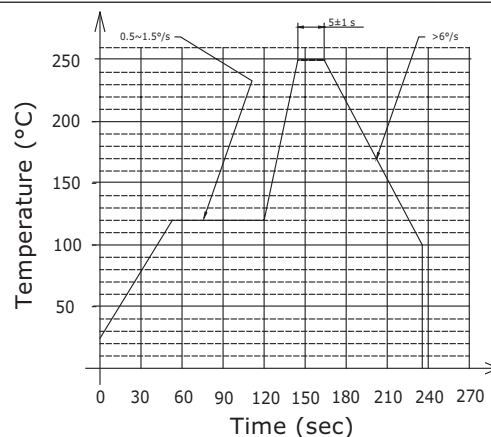

**SPECIFICATIONS**

| parameter             | conditions/description             | min   | typ   | max   | units |
|-----------------------|------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                    |       | 12    |       | Vdc   |
| operating voltage     |                                    | 3     |       | 24    | Vdc   |
| current consumption   | at rated voltage                   |       |       | 12    | mA    |
| rated frequency       | at rated voltage                   | 3,000 | 3,500 | 4,000 | Hz    |
| sound pressure level  | at 30 cm, rated voltage            | 93    |       |       | dB    |
| tone                  | single                             |       |       |       |       |
| dimensions            | Ø30 x 20.5                         |       |       |       | mm    |
| weight                |                                    |       | 8.0   |       | g     |
| material              | PBT                                |       |       |       |       |
| terminal              | pins (red copper with tin plating) |       |       |       |       |
| operating temperature |                                    | -30   |       | 70    | °C    |
| storage temperature   |                                    | -40   |       | 85    | °C    |
| RoHS                  | yes                                |       |       |       |       |

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

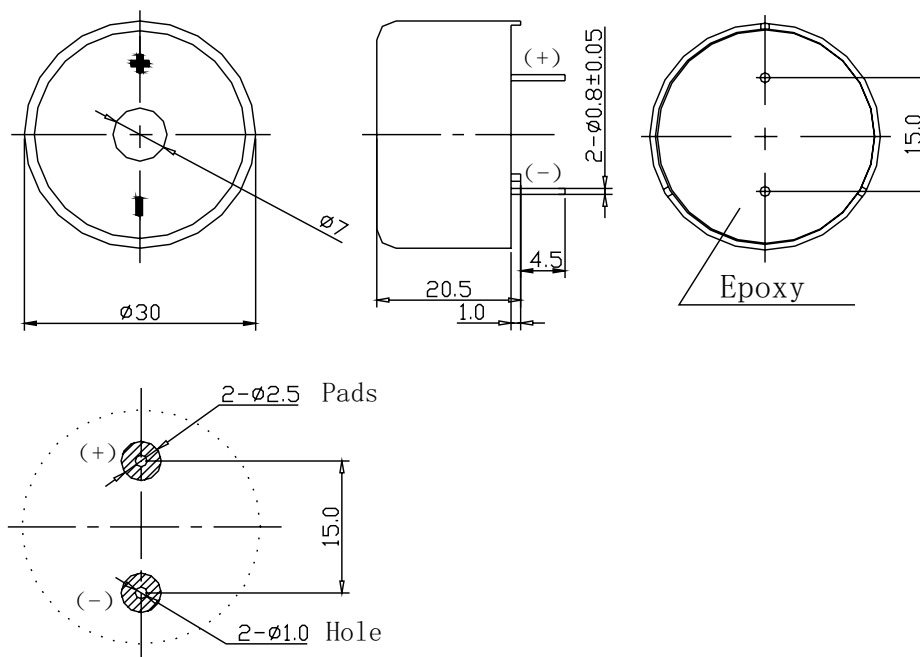
**SOLDERABILITY**

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



## MECHANICAL DRAWING

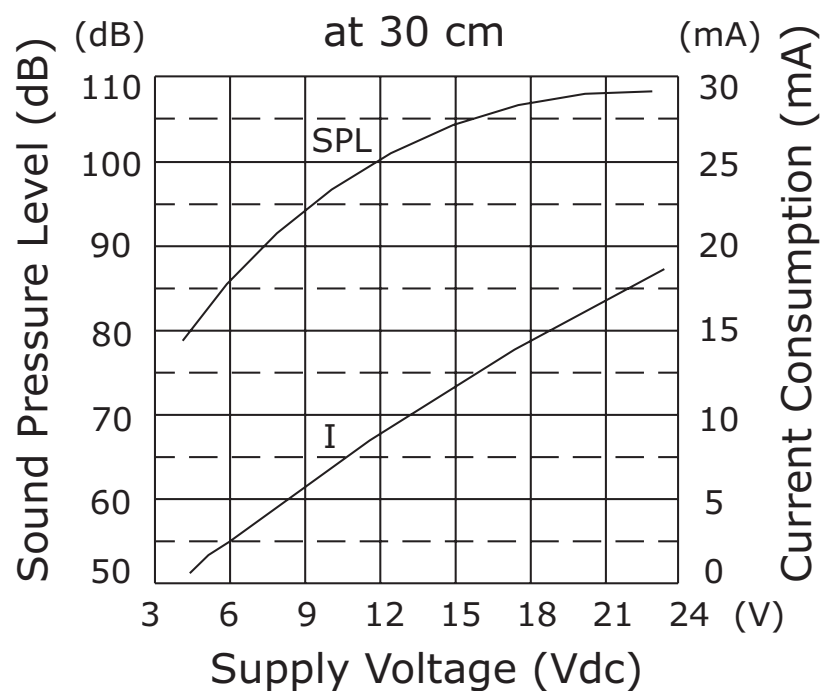
units: mm  
tolerance:  $\pm 0.5$  mm



Recommended PCB Layout  
Top View

## PERFORMANCE CURVES

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

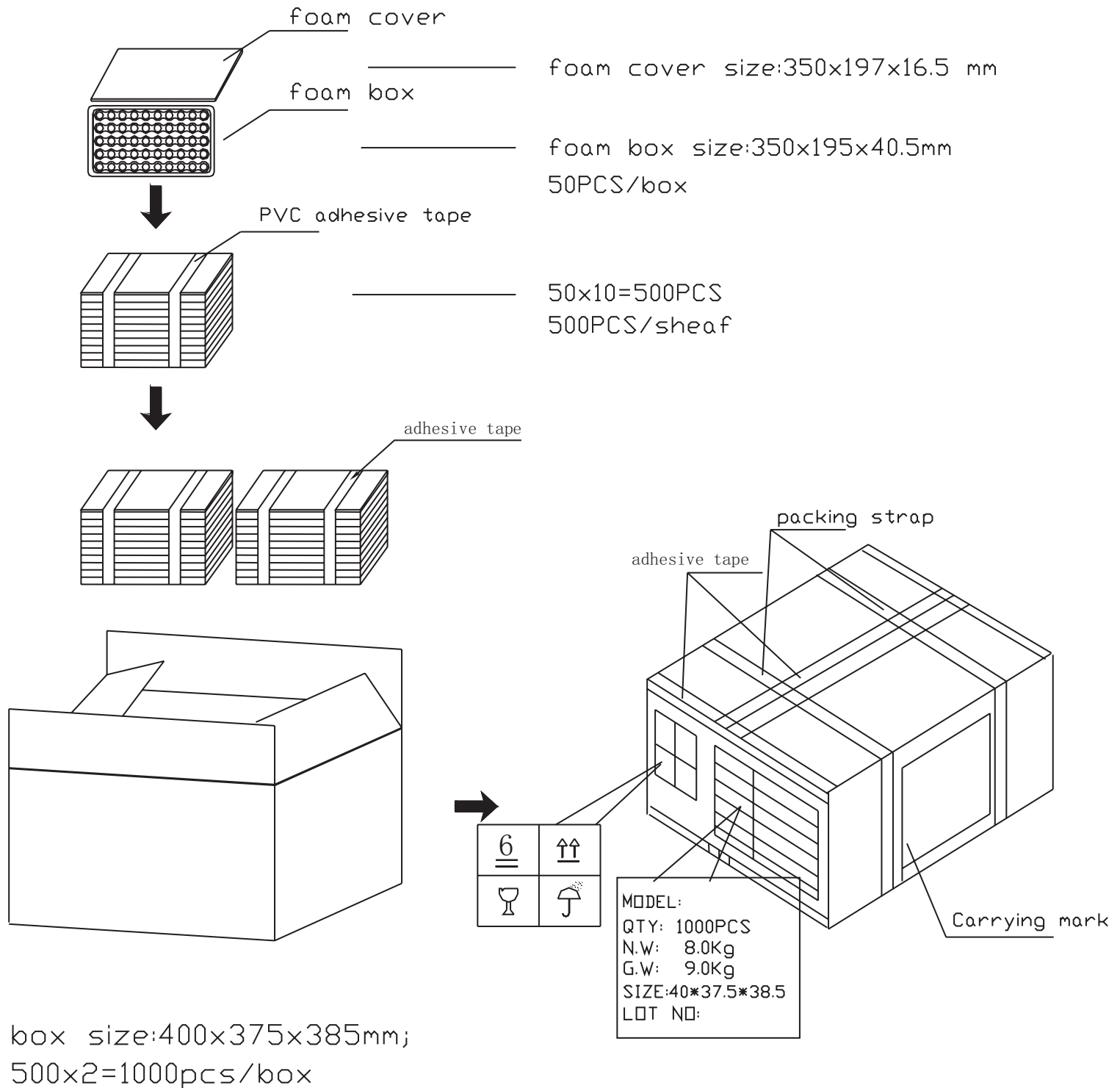


## PACKAGING

units: mm

Carton Size: 400 x 375 x 385 mm

Carton QTY: 1,000 pcs per carton



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 07/18/2019 |

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



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

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