

**MODEL:** CPI-3014-90T | **DESCRIPTION:** PIEZO BUZZER INDICATOR

**FEATURES**

- through hole
- 90 dB
- piezo
- internally driven


**SPECIFICATIONS**

| parameter             | conditions/description             | min   | typ   | max   | units |
|-----------------------|------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                    |       | 12    |       | Vdc   |
| operating voltage     |                                    | 3     |       | 20    | Vdc   |
| current consumption   | at rated voltage                   |       |       | 15    | mA    |
| rated frequency       | at rated voltage                   | 2,500 | 3,000 | 3,500 | Hz    |
| sound pressure level  | at 30 cm, rated voltage            | 90    |       |       | dB    |
| tone                  | single                             |       |       |       |       |
| dimensions            | Ø30.2 x 14.7                       |       |       |       | mm    |
| weight                |                                    |       | 7.0   |       | g     |
| material              | ABS                                |       |       |       |       |
| terminal              | pins (red copper with tin plating) |       |       |       |       |
| operating temperature |                                    | -20   |       | 60    | °C    |
| storage temperature   |                                    | -30   |       | 70    | °C    |
| RoHS                  | yes                                |       |       |       |       |

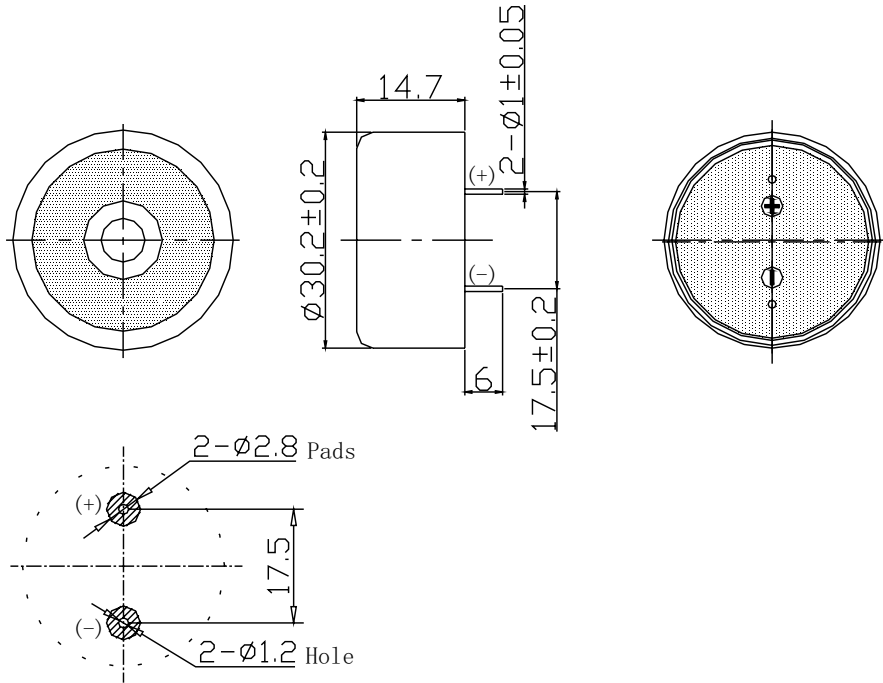
Notes: 1. All specifications measured at 25±3°C, humidity at 60-70%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering |                        | 370 | 380 | 390 | °C    |

## MECHANICAL DRAWING

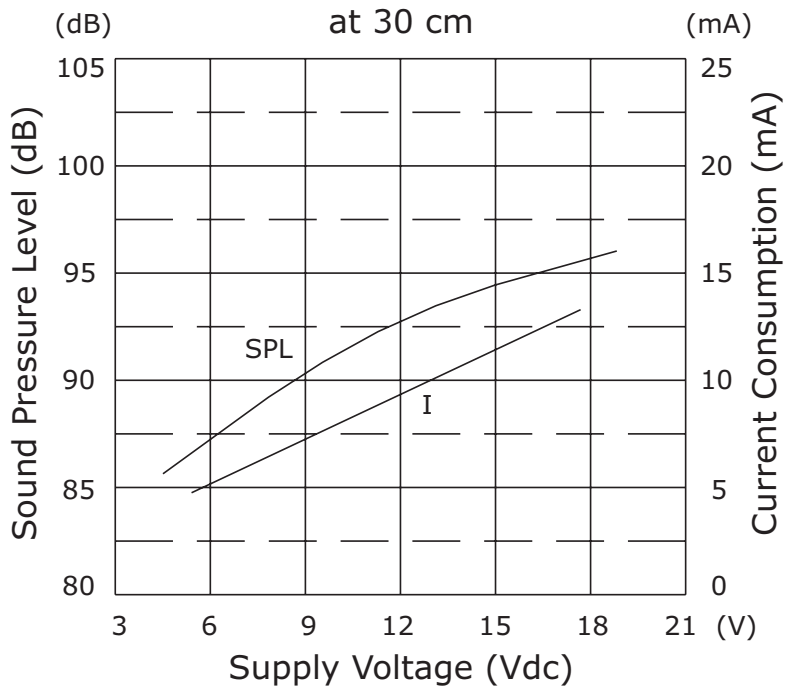
units: mm  
tolerance:  $\pm 0.5$  mm



Recommended PCB Layout  
Top View

## PERFORMANCE CURVES

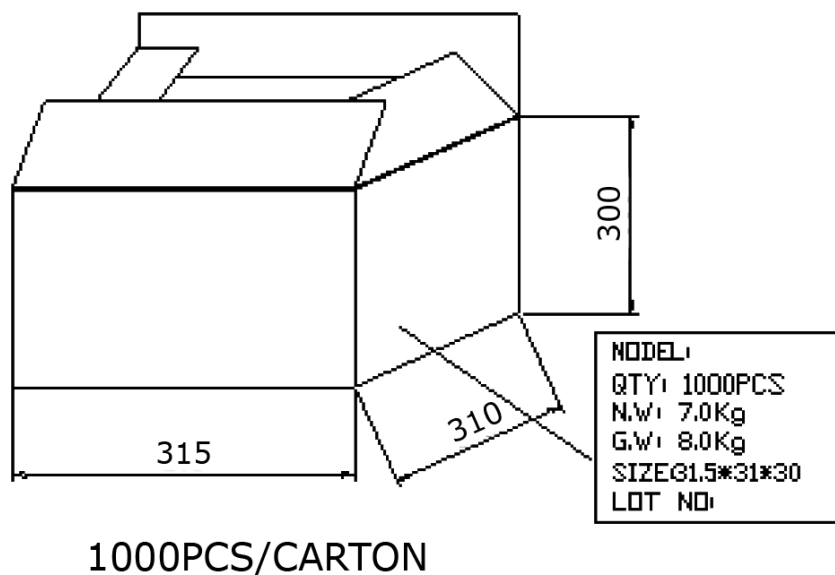
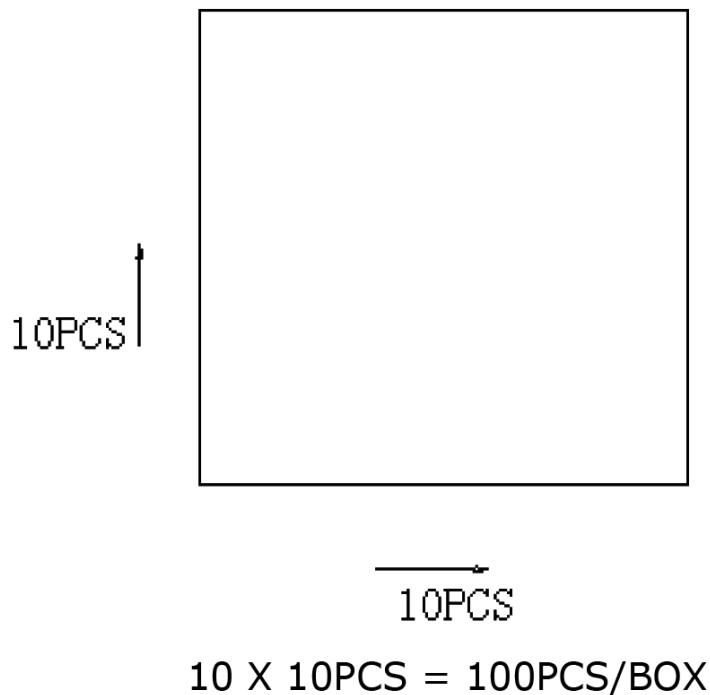
SPL: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption



## PACKAGING

units: mm

Carton Size: 315 x 310 x 300 mm  
Carton QTY: 1,000 pcs per carton



## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 07/18/2019 |
| 1.01 | brand update                 | 12/19/2019 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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