

**MODEL: CPI-3213-90PM | DESCRIPTION: PIEZO BUZZER INDICATOR**
**FEATURES**

- 90 dB
- piezo
- internally driven
- panel mount with 140 mm lead wires


**SPECIFICATIONS**

| parameter             | conditions/description  | min   | typ   | max   | units |
|-----------------------|-------------------------|-------|-------|-------|-------|
| rated voltage         |                         |       | 12    |       | Vdc   |
| operating voltage     |                         | 3     |       | 28    | Vdc   |
| current consumption   | at rated voltage        |       |       | 10    | mA    |
| rated frequency       | at rated voltage        | 3,000 | 3,500 | 4,000 | Hz    |
| sound pressure level  | at 30 cm, rated voltage | 90    |       |       | dB    |
| tone                  | single                  |       |       |       |       |
| dimensions            | Ø32 x 13.5              |       |       |       | mm    |
| weight                |                         |       | 8.0   |       | g     |
| material              | ABS                     |       |       |       |       |
| terminal              | wire leads              |       |       |       |       |
| 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.

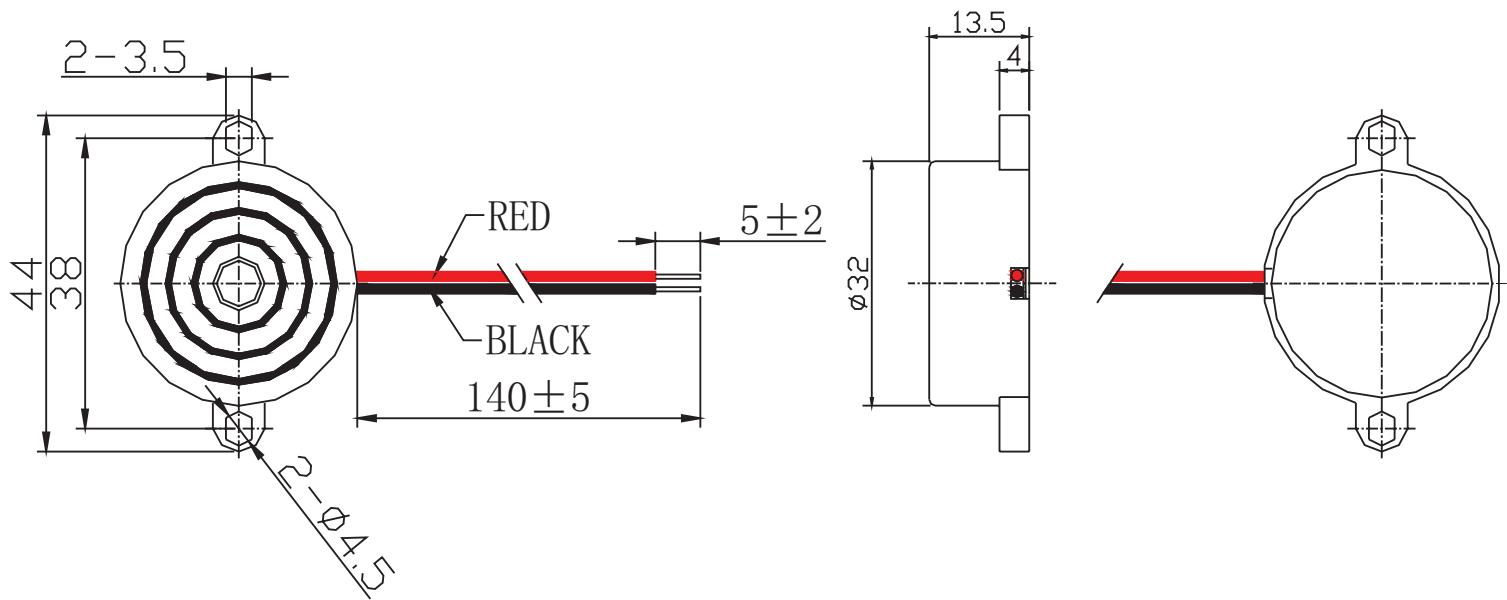
**SOLDERABILITY**

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

## MECHANICAL DRAWING

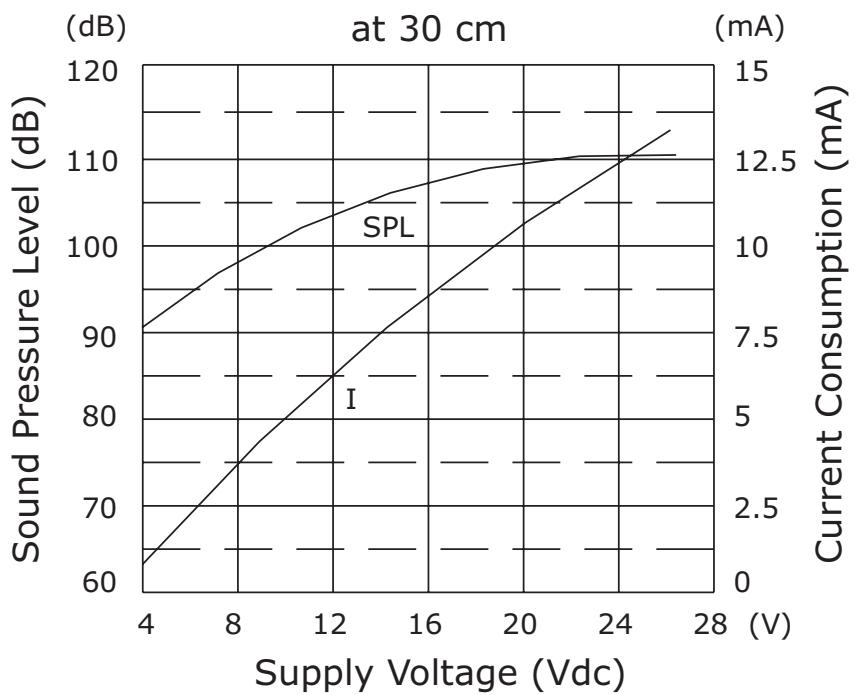
units: mm  
tolerance:  $\pm 0.5$  mm

wire: UL1095 28 AWG



## PERFORMANCE CURVES

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

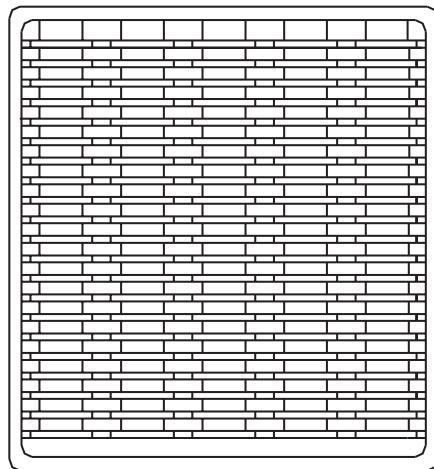


## PACKAGING

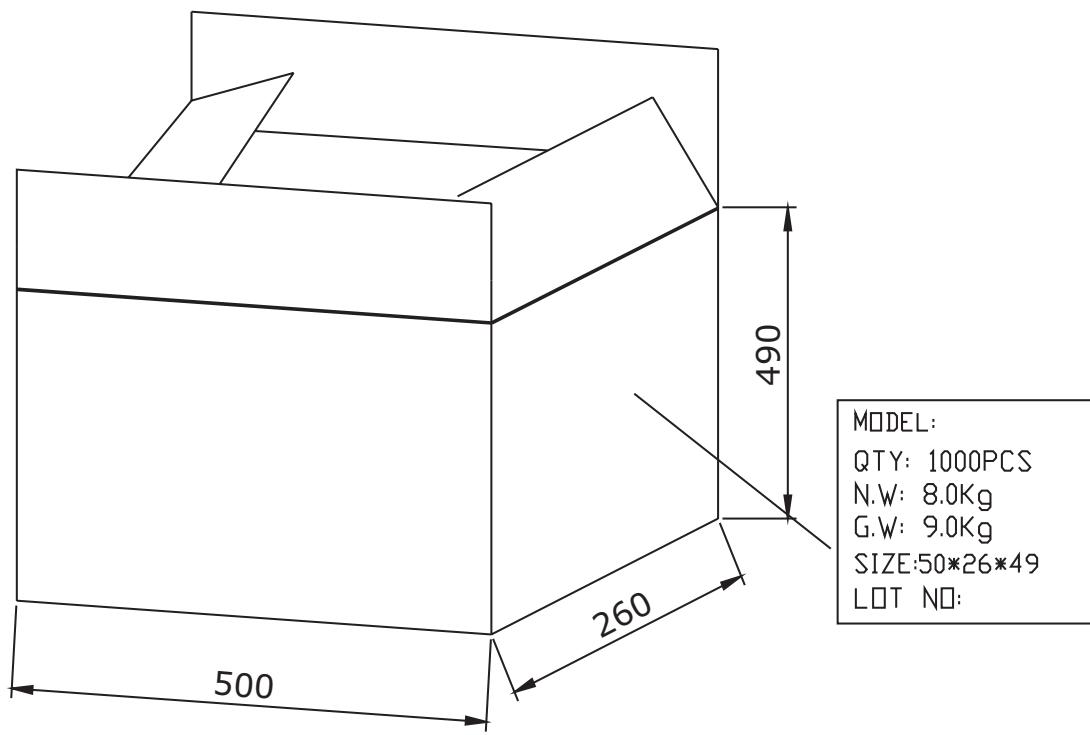
units: mm

Carton Size: 500 x 260 x 490 mm

Carton QTY: 1,000 pcs per carton



50 pieces per box



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 07/16/2019 |

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



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