

MODEL: CPE-244 | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- through-hole pins
- 12 Vdc rating
- 5 kHz rated frequency
- IP67 rating

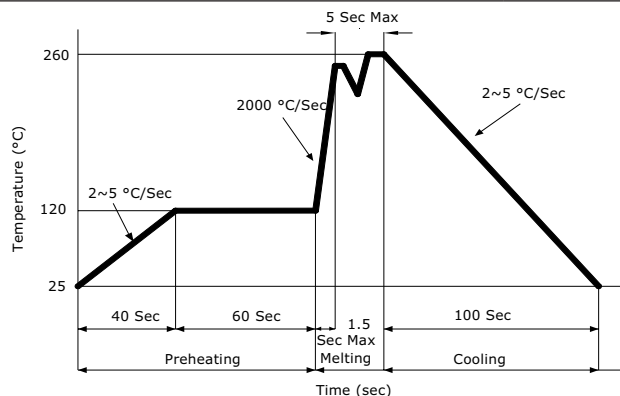
**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---|-------|-------|-------|-------|
| rated voltage | | | 12 | | Vdc |
| operating voltage | | 9 | | 16 | Vdc |
| current consumption | at rated voltage | | | 35 | mA |
| rated frequency | | 4,500 | 5,000 | 5,500 | Hz |
| sound pressure level | at 30 cm, rated voltage | 80 | | | dB |
| dimensions | Ø14.0 x 10.0 | | | | mm |
| weight | | | | 5.0 | g |
| material | PBT+15% Glass | | | | |
| terminal | pin type (gold plating) | | | | |
| operating temperature | | -30 | | 85 | °C |
| storage temperature | | -40 | | 95 | °C |
| RoHS | yes | | | | |
| IP level | IP67 (IEC standard 529 edition 2.0(1989)) | | | | |

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

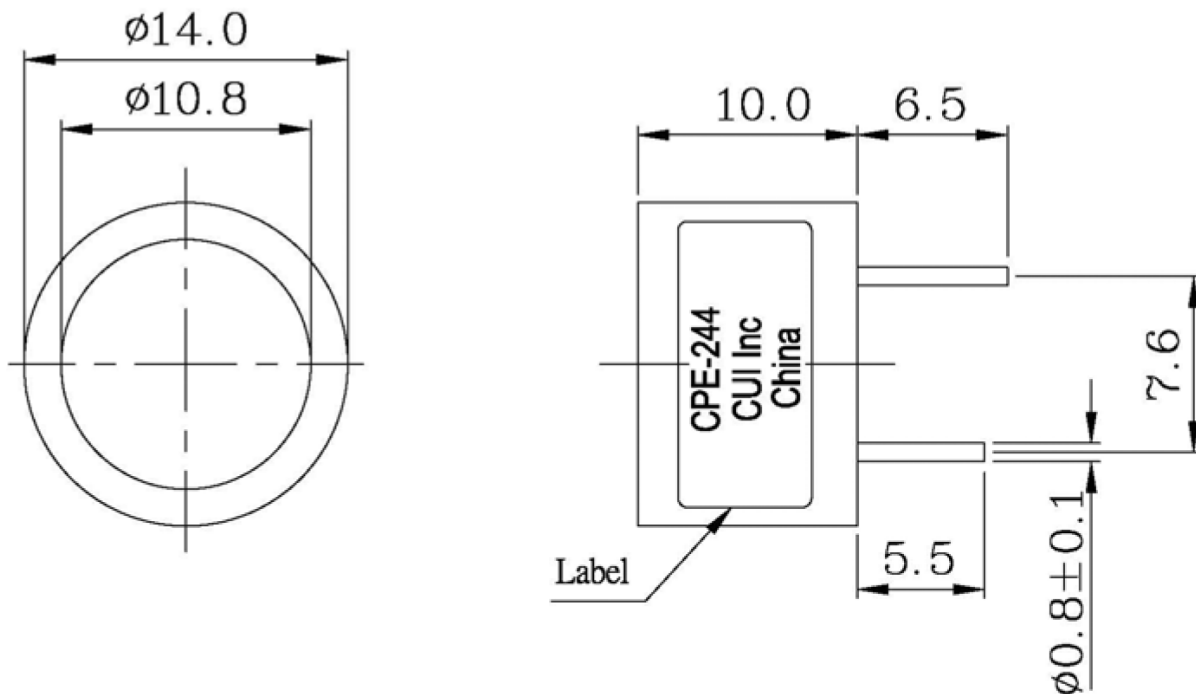
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|-------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 5 seconds | 330 | | 380 | °C |
| wave soldering | see wave solder profile | | | 260 | °C |



MECHANICAL DRAWING

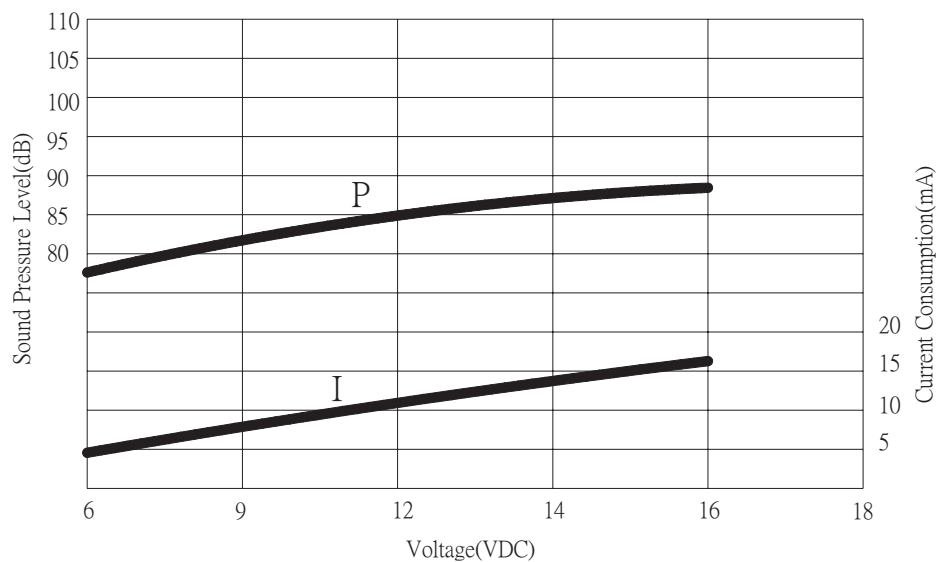
units: mm
tolerance: ± 0.5 mm



PERFORMANCE CURVES

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

at 30cm



REVISION HISTORY

| rev. | description | date |
|------|---------------------------|------------|
| 1.0 | initial release | 06/09/2005 |
| 1.01 | applied new spec template | 06/16/2015 |
| 1.02 | brand update | 12/16/2019 |

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

CUI DEVICES

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