

**MODEL:** CPE-222H | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- piezo indicator with pin mount
- 12 Vdc rating
- 3200 Hz rated frequency

**SPECIFICATIONS**

| parameter             | conditions/description              | min   | typ   | max   | units |
|-----------------------|-------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                     |       | 12    |       | Vdc   |
| operating voltage     |                                     | 5     |       | 18    | Vdc   |
| current consumption   | at rated voltage                    |       |       | 10    | mA    |
| rated frequency       |                                     | 2,700 | 3,200 | 3,700 | Hz    |
| sound pressure level  | at 30 cm, rated voltage             | 85    |       |       | dB    |
| dimensions            | Ø23.3 x 10.2                        |       |       |       | mm    |
| weight                |                                     |       |       | 5.0   | g     |
| material              | ABS UL94 1/16" HB High Heat (black) |       |       |       |       |
| terminal              | pin type (Sn plating)               |       |       |       |       |
| operating temperature |                                     | -30   |       | 85    | °C    |
| storage temperature   |                                     | -40   |       | 95    | °C    |
| RoHS                  | 2011/65/EU                          |       |       |       |       |

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

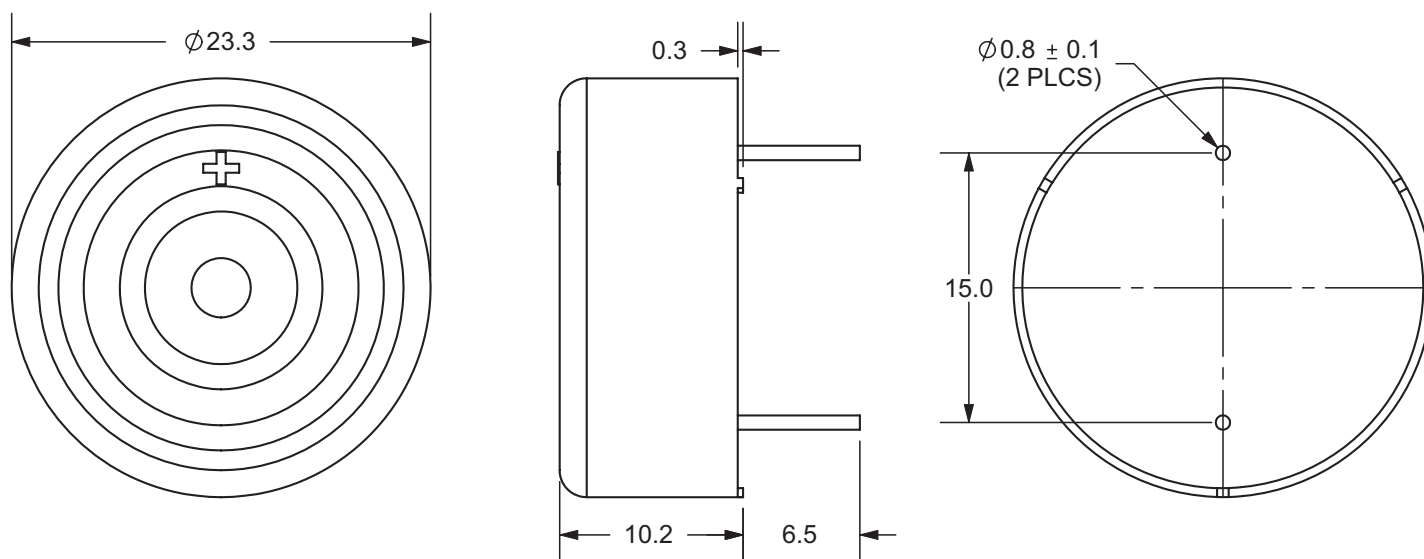
**SOLDERABILITY**

| parameter                   | conditions/description | min | typ | max | units |
|-----------------------------|------------------------|-----|-----|-----|-------|
| hand soldering <sup>2</sup> | for maximum 2 seconds  | 330 |     | 380 | °C    |

Notes: 2. Not suitable for wave soldering

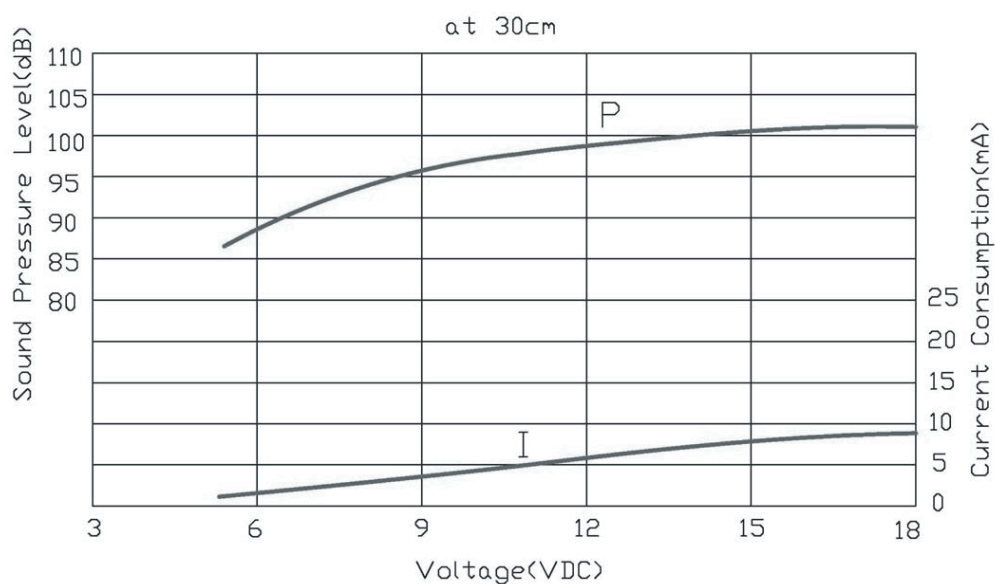
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

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



## REVISION HISTORY

| rev. | description                           | date       |
|------|---------------------------------------|------------|
| 1.0  | initial release                       | 11/12/2007 |
| 1.01 | widened operating input voltage range | 06/19/2014 |

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



**CUI INC®**

**Headquarters**  
20050 SW 112th Ave.  
Tualatin, OR 97062  
**800.275.4899**

Fax 503.612.2383  
**cui.com**  
techsupport@cui.com

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.