

**MODEL:** CMI-1240-SMT | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- low current
- washable
- internally driven

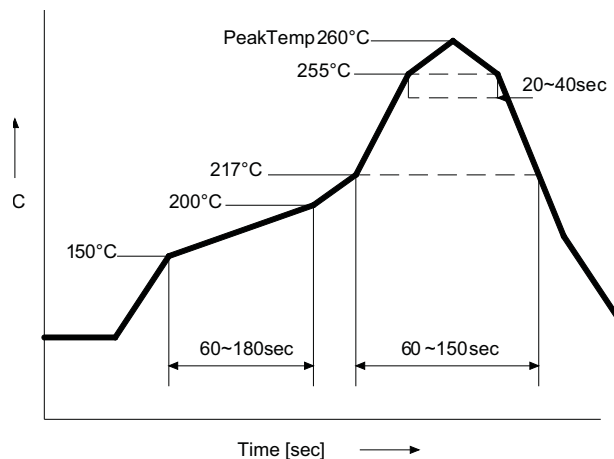
**SPECIFICATIONS**

| parameter             | conditions/description  | min   | typ   | max   | units |
|-----------------------|-------------------------|-------|-------|-------|-------|
| rated voltage         |                         |       | 12    |       | Vdc   |
| operating voltage     |                         | 3     |       | 20    | Vdc   |
| current consumption   | at rated voltage        |       |       | 8     | mA    |
| rated frequency       |                         | 3,500 | 4,000 | 4,500 | Hz    |
| sound pressure level  | at 10 cm, rated voltage | 83    |       |       | dB    |
| dimensions            | 16.9 x 16.9 x 7.8       |       |       |       | mm    |
| weight                |                         |       |       | 2.6   | g     |
| material              | PPS UL-94 V-0 (black)   |       |       |       |       |
| terminal              | SMT type (Au plating)   |       |       |       |       |
| operating temperature |                         | -30   |       | 70    | °C    |
| storage temperature   |                         | -40   |       | 80    | °C    |
| RoHS                  | yes                     |       |       |       |       |

Note: Add suffix "-TR" to the model for tape & reel packaging

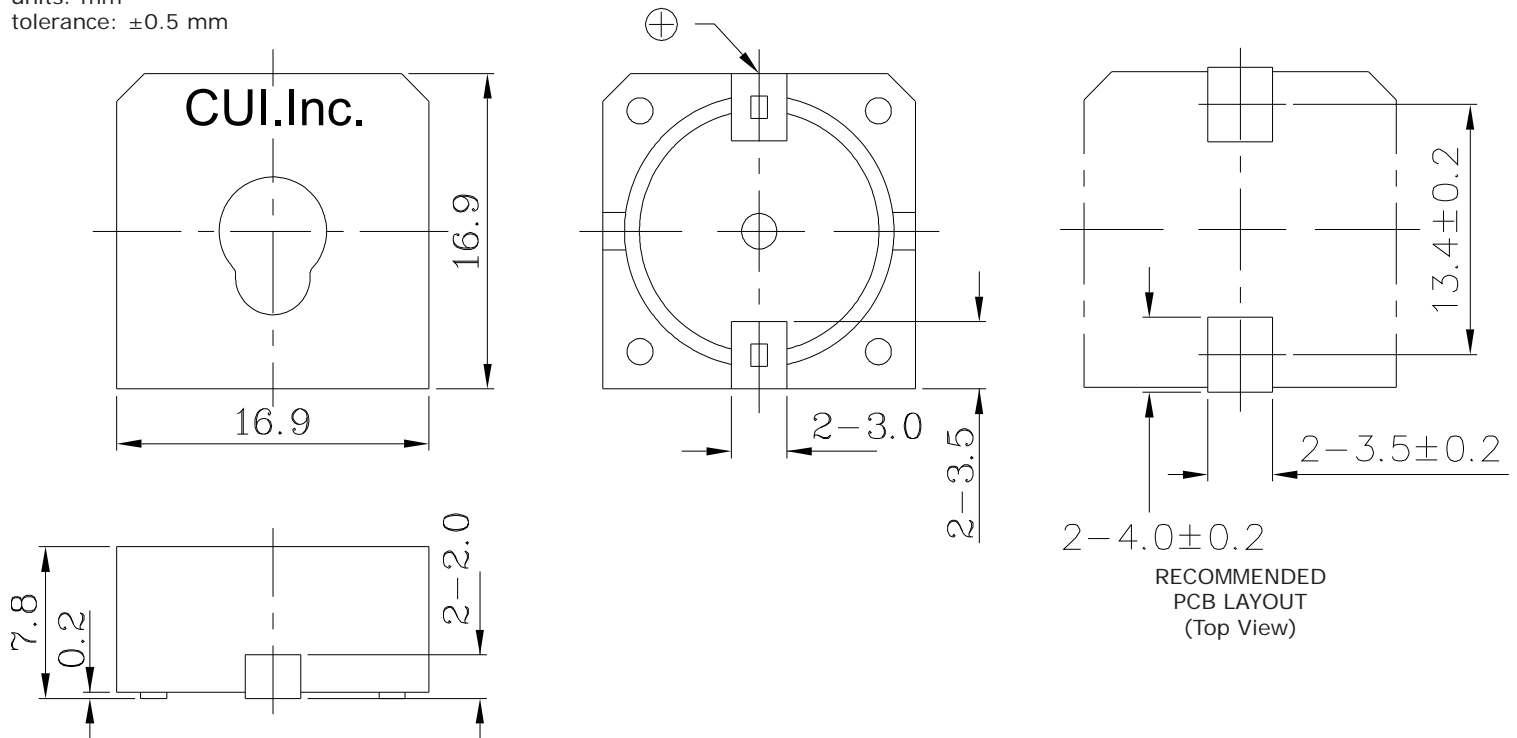
**SOLDERABILITY**

| parameter        | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reflow soldering | see reflow profile     |     |     | 260 | °C    |



## MECHANICAL DRAWING

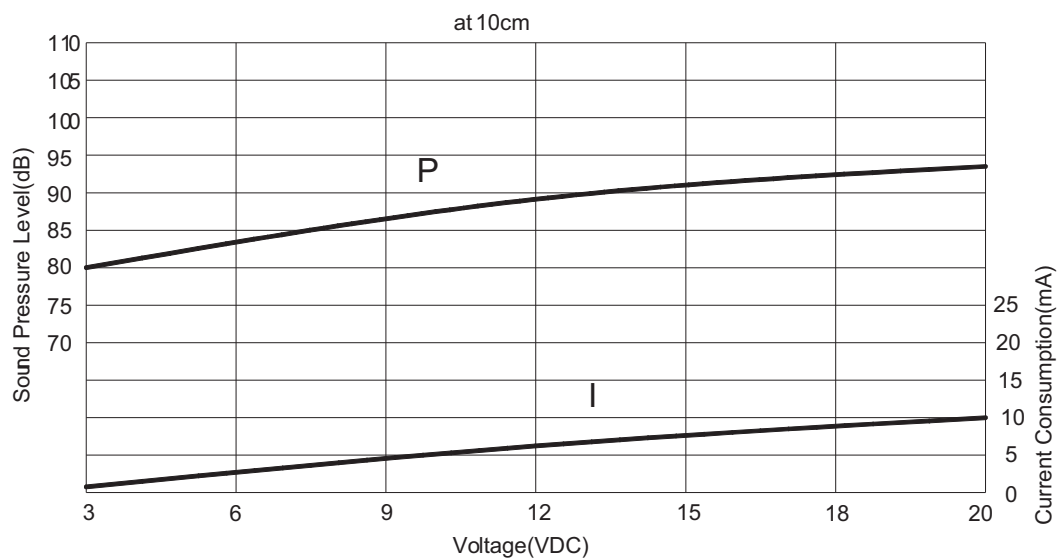
units: mm

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   | 06/03/2005 |
| 1.01 | updated part number, added TR package option, applied new spec template | 05/13/2013 |

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



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