

MODEL: CPE-223 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

FEATURES

- through-hole pins
- 12 Vdc rating
- 3.3 kHz rated frequency



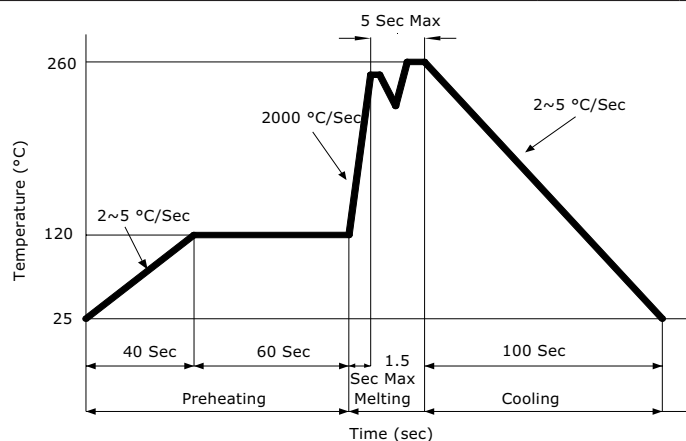
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|-------------------------|-------|-------|-------|-------|
| rated voltage | | | 12 | | Vdc |
| operating voltage | | 3 | | 20 | Vdc |
| current consumption | at rated voltage | | | 13 | mA |
| rated frequency | | 2,800 | 3,300 | 3,800 | Hz |
| sound pressure level | at 30 cm, rated voltage | 81 | | | dB |
| dimensions | ∅23.8 x 12.2 | | | | mm |
| weight | | | | 3.5 | g |
| material | PBT+15% Glass | | | | |
| terminal | pin type (Sn plating) | | | | |
| operating temperature | | -20 | | 85 | °C |
| storage temperature | | -30 | | 95 | °C |
| RoHS | yes | | | | |

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

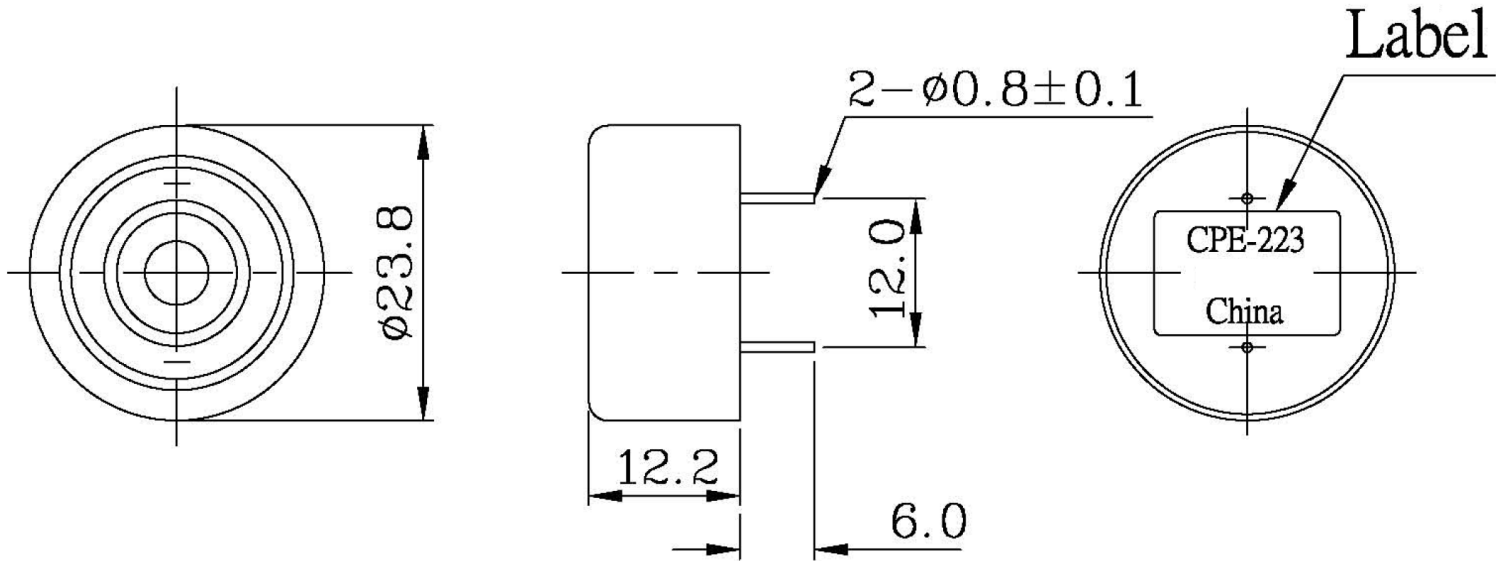
SOLDERABILITY

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



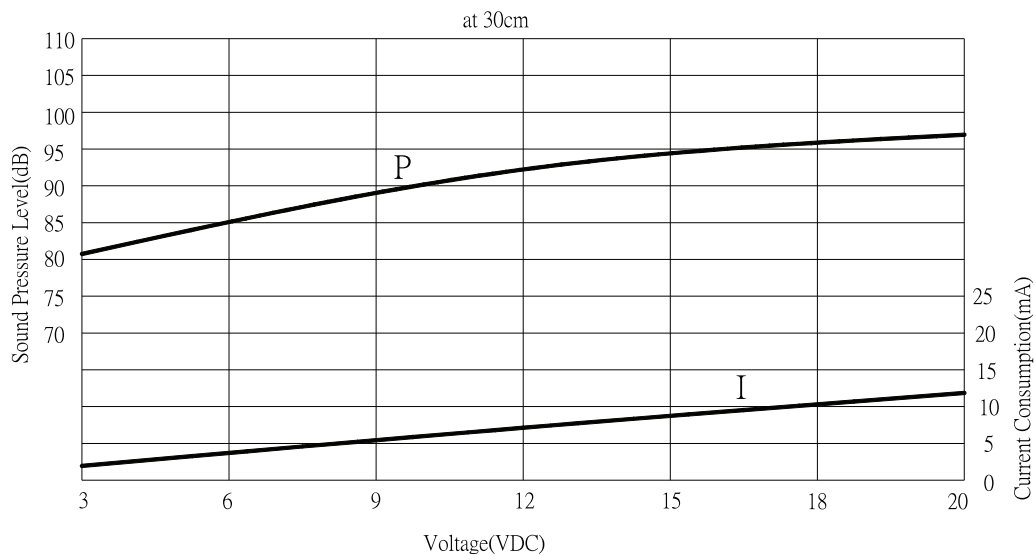
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



PERFORMANCE CURVES

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



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 11/12/2007 |
| 1.01 | brand update | 12/16/2019 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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

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