CUDEVICES



# **MODEL:** CPE-755 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

## FEATURES

- through-hole tabs
- threaded body
- 12 Vdc rating
- 3.6 kHz rated frequency
- selectable constant/fast pulse

RoHS

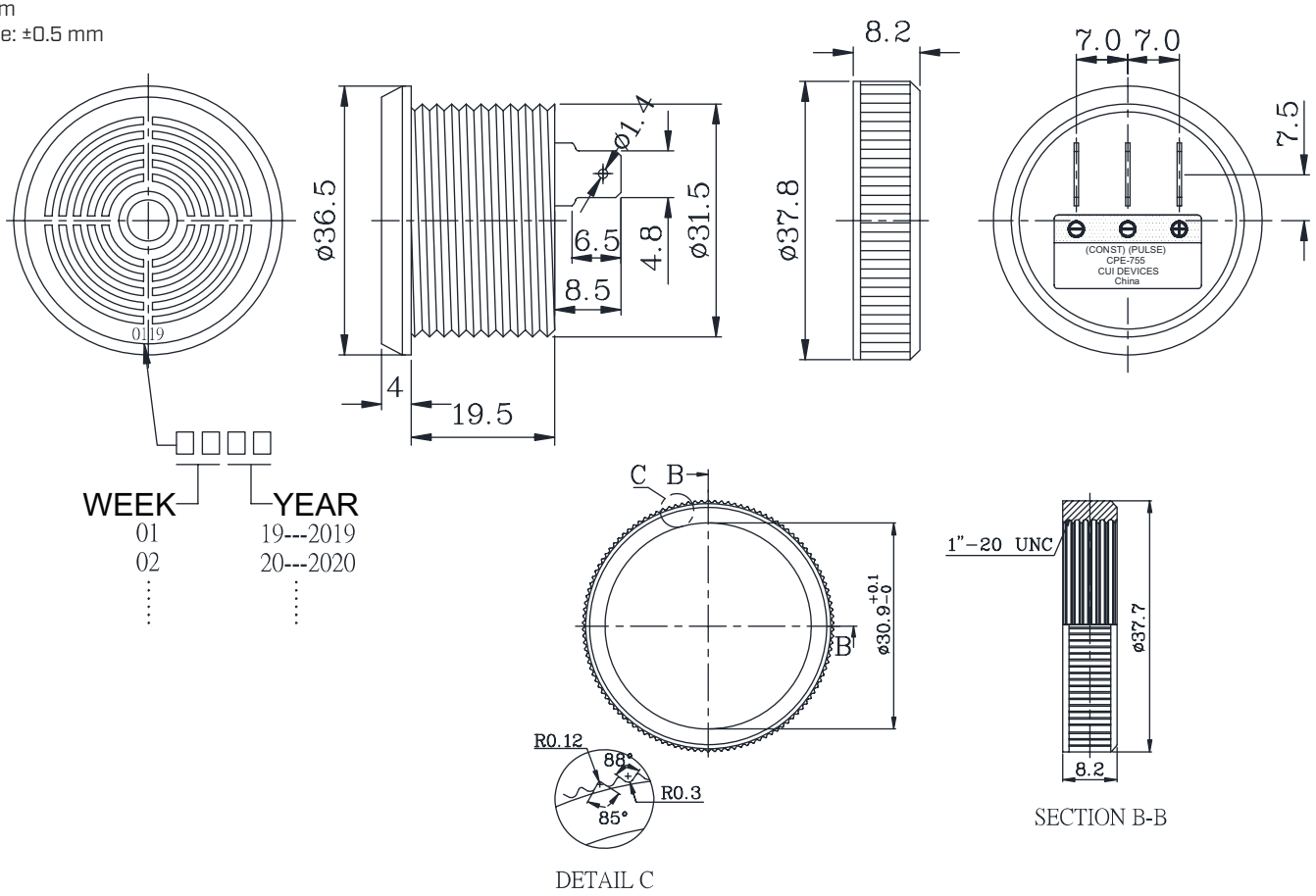
## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage | | | 12 | | Vdc |
| operating voltage | | 6 | | 28 | Vdc |
| current consumption | continuous, rated voltage<br>fast pulse, rated voltage | | | 7<br>6 | mA<br>mA |
| rated frequency | | 3,100 | 3,600 | 4,100 | Hz |
| sound pressure level | at 30 cm, rated voltage<br>continuous tone<br>fast pulse tone | <br>85<br>80 | | | <br>dB<br>dB |
| tone | continuous<br>fast pulse at rated voltage (3.0 ±20% Hz) | | | | |
| dimensions | Ø37.8 x 23.5 | | | | mm |
| weight | | | | 18.5 | g |
| material | ABS UL94 1/16" HB (grey) | | | | |
| terminal | solder tabs (gold plating) | | | | |
| operating temperature | | -30 | | 85 | °C |
| storage temperature | | -40 | | 95 | °C |
| hand soldering | maximum 3 seconds | 330 | 350 | 370 | °C |
| RoHS | yes | | | | |

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

## MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

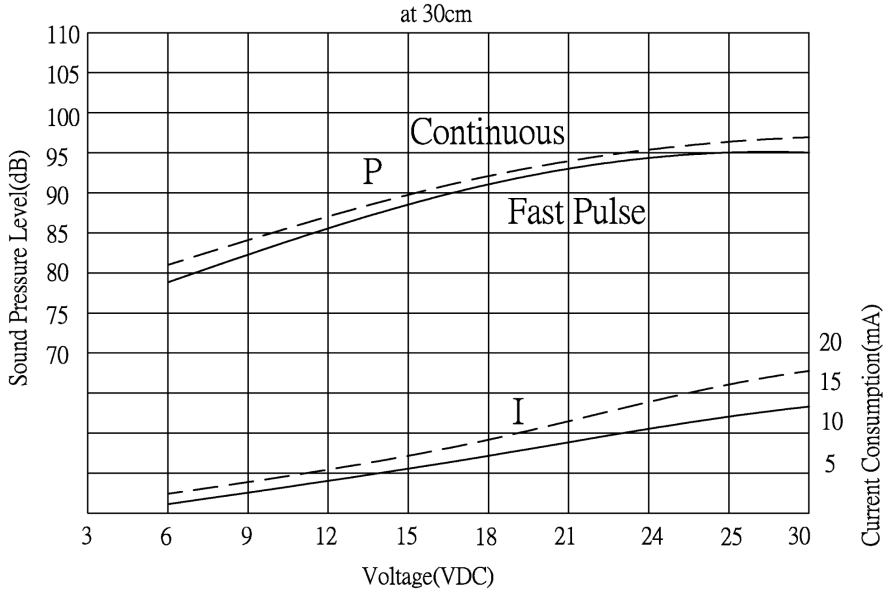



DETAIL C

SECTION B-B

## 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 | 05/11/2020 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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

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