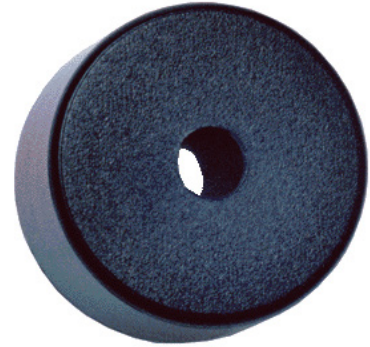


**MODEL:** CEP-1106 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- piezo transducer with pin mount
- 88 dB SPL
- 2,400 Hz rated frequency

**SPECIFICATIONS**

| parameter              | conditions/description                  | min    | typ    | max     | units |
|------------------------|---|--------|--------|---------|-------|
| operating voltage      |   |        |        | 30      | Vp-p  |
| current consumption    | at 10 Vp-p, 2,400 Hz square wave        |        |        | 18      | mA    |
| rated frequency        |   |        | 2,400  |         | Hz    |
| sound pressure level   | at 10 cm, 10 Vp-p, 2,400 Hz square wave | 88     |        |         | dB    |
| electrostatic capacity | at 1 kHz/1 V                            | 56,000 | 80,000 | 104,000 | pF    |
| dimensions             | Ø22.8 x 13.5                            |        |        |         | mm    |
| weight                 |   |        |        | 11.6    | g     |
| material               | ABS PA-777D (black)                     |        |        |         |       |
| terminal               | pin type (Sn plating)                   |        |        |         |       |
| operating temperature  |   | -30    |        | 85      | °C    |
| storage temperature    |   | -40    |        | 95      | °C    |
| RoHS                   | yes                                     |        |        |         |       |

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

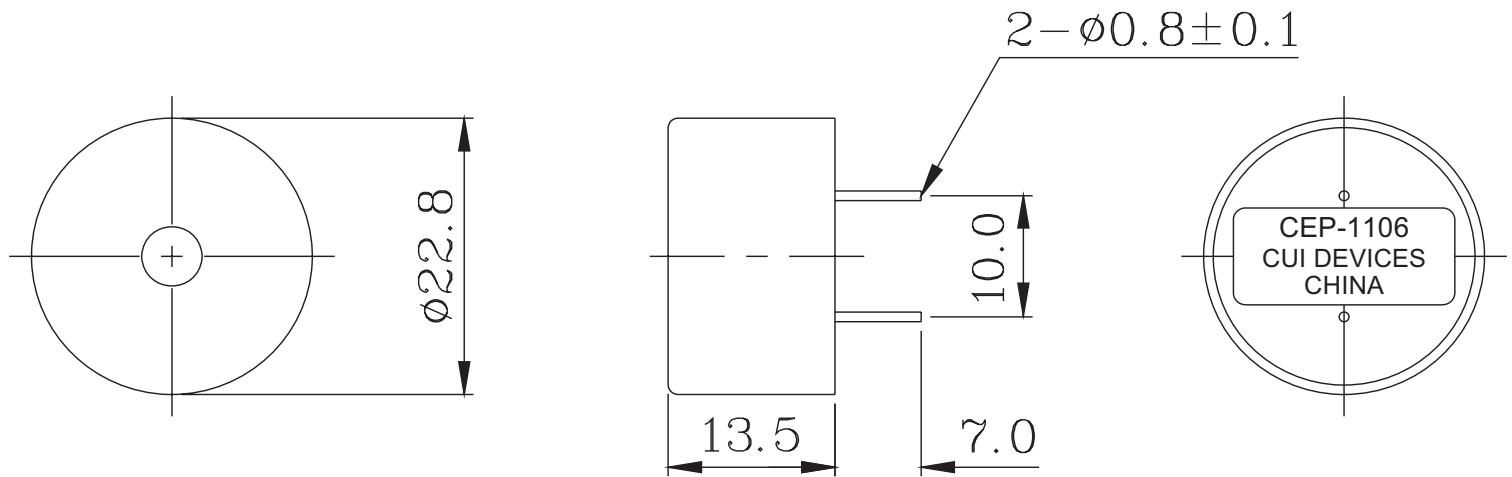
**SOLDERABILITY**

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

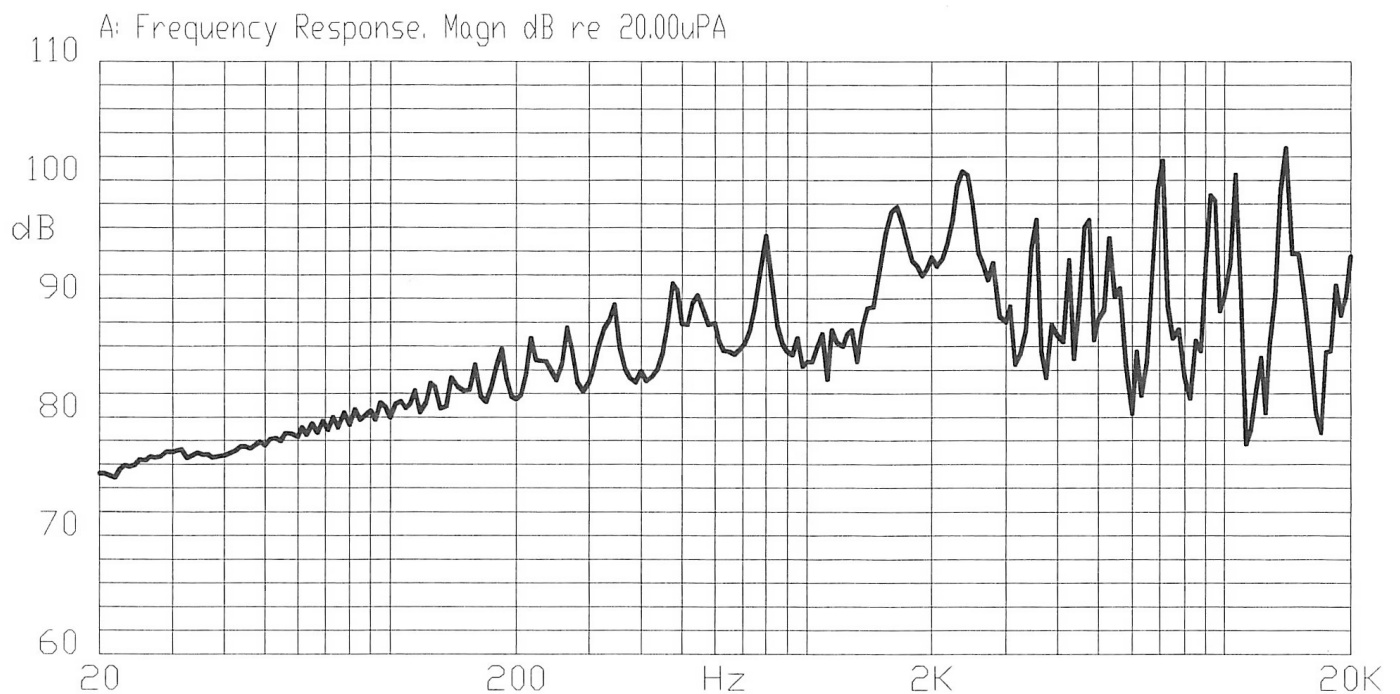
Notes: 2. Not recommended for wave soldering

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 09/18/2006 |
| 1.01 | brand update                 | 03/12/2020 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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

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