


MODEL: CPT-2207-90T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- piezo
- 90 dB @ 10 cm
- through hole


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---------------------------|--|--------|--------|--------|-------|
| rated voltage | Vp-p  | | 5 | | Vp-p |
| operating voltage | | | | 30 | Vp-p |
| current consumption | at rated voltage | | | 1.5 | mA |
| rated frequency | | 3,500 | 4,000 | 4,500 | Hz |
| sound pressure level | at 10 cm, rated voltage | 90 | | | dB |
| electrostatic capacitance | at 120 Hz | 17,500 | 25,000 | 32,500 | pF |
| dimensions | ∅22 x 8.5 | | | | mm |
| weight | | | 2.4 | | g |
| material | PBT (UL94HB) | | | | |
| terminal | pin (tin plated brass) | | | | |
| operating temperature | | -20 | | 100 | °C |
| storage temperature | | -30 | | 110 | °C |
| washable | no | | | | |
| RoHS | yes | | | | |

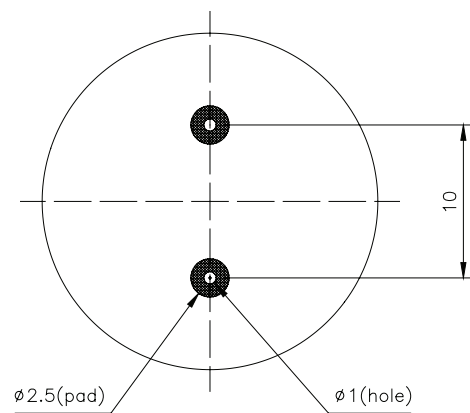
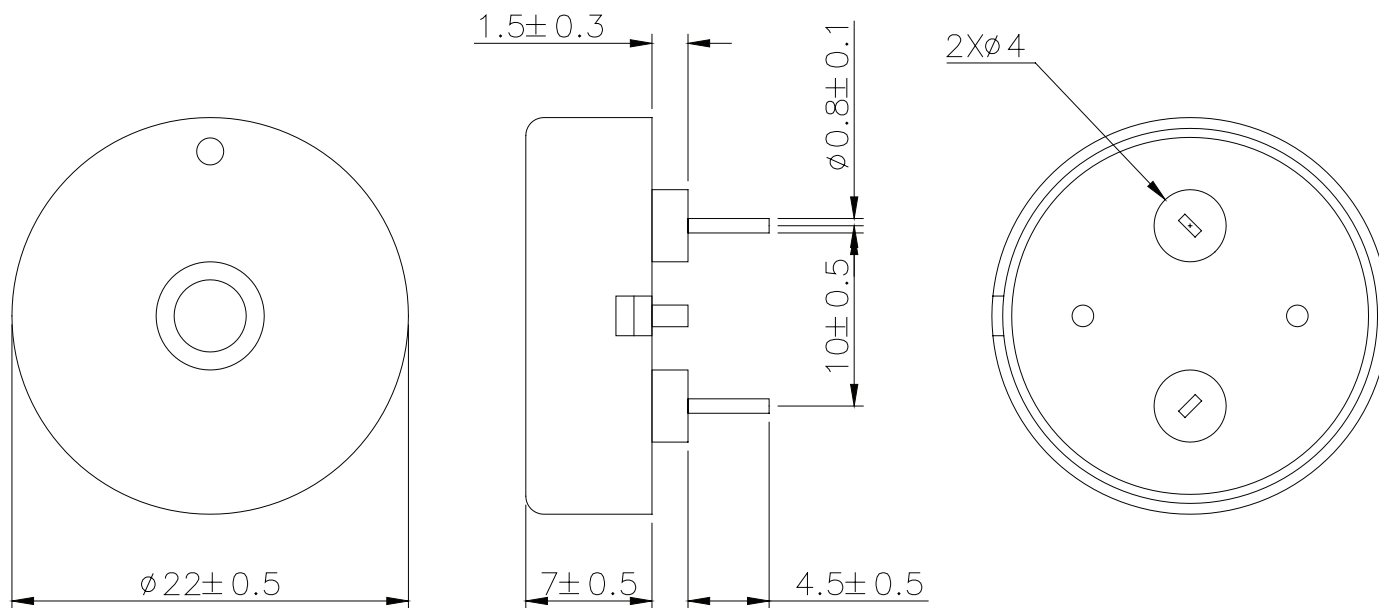
Notes: 1. All specifications measured at 25±2°C, humidity at 45-60%, unless otherwise noted.

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 5 seconds | 330 | 350 | 370 | °C |
| wave soldering | for maximum 5 seconds | 255 | 260 | 265 | °C |

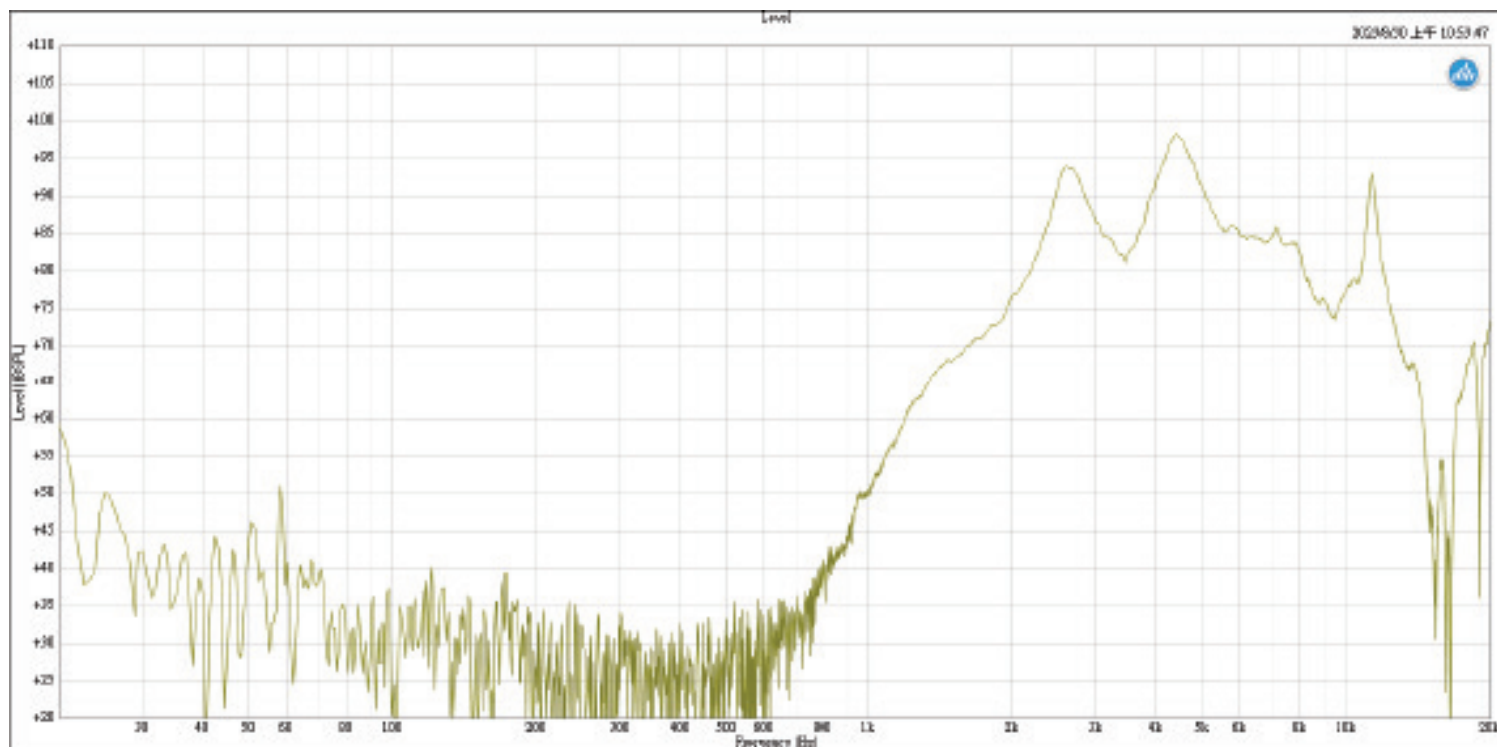
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 09/13/2023 |

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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