CUI Devices is now Same Sky! Learn More



# MODEL: CPT-3055-90PM | DESCRIPTION: PIEZO BUZZER TRANSDUCER

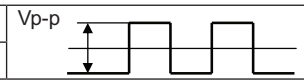
## FEATURES

- SPL 90 dB
- piezo
- externally driven
- panel mount with 120 mm lead wire



RoHS

## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage |   | | 12 | | Vp-p |
| operating voltage | | 1 | | 30 | Vp-p |
| current consumption | at rated voltage, 2,500 Hz, ½ duty square wave | | | 15 | mA |
| rated frequency | | | 2,500 | | Hz |
| sound pressure level | at 10 cm, rated voltage, 2,500 Hz, ½ duty square wave | 80 | | | dB |
| electrostatic capacitance | at 120 Hz | 31,500 | 45,000 | 58,500 | pF |
| dimensions | Ø30.0 x 5.5 | | | | mm |
| weight | | | 3.5 | | g |
| material | ABS | | | | |
| terminal | wire leads | | | | |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -30 | | 70 | °C |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

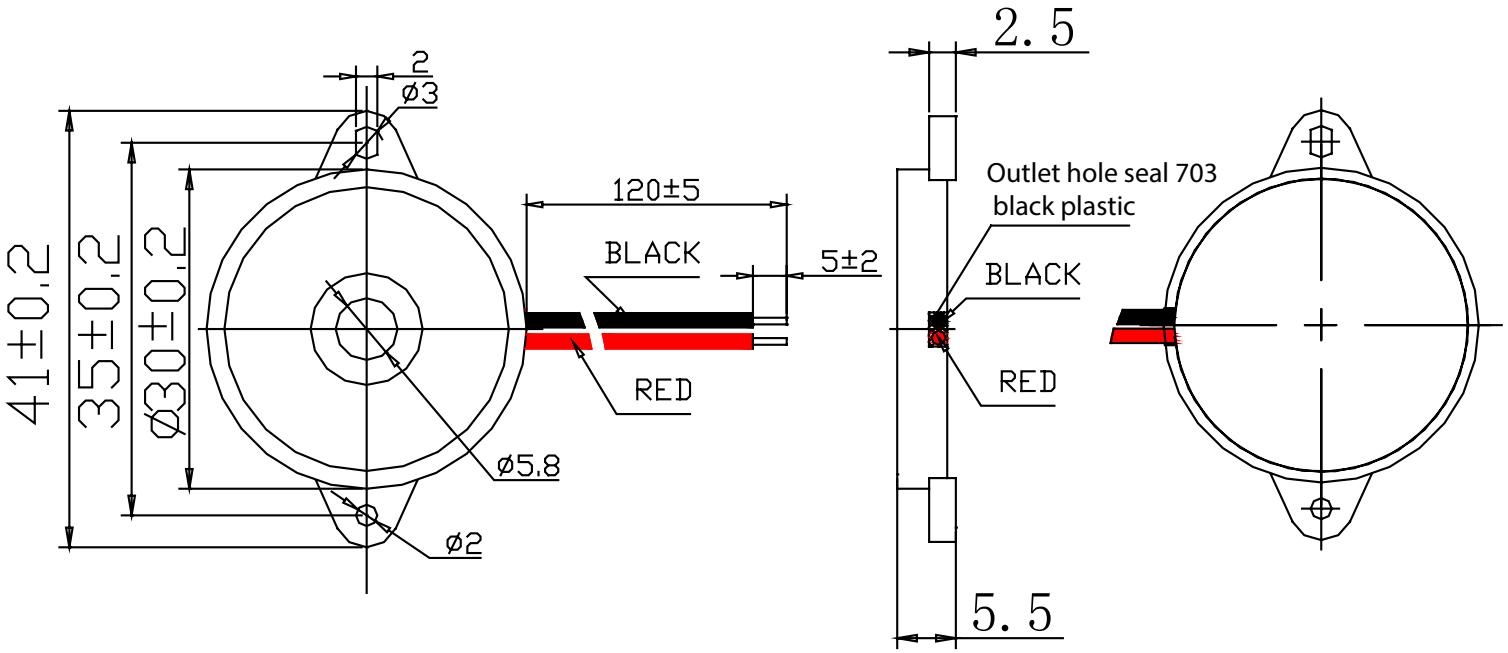
## SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| hand soldering | | 370 | 380 | 390 | °C |

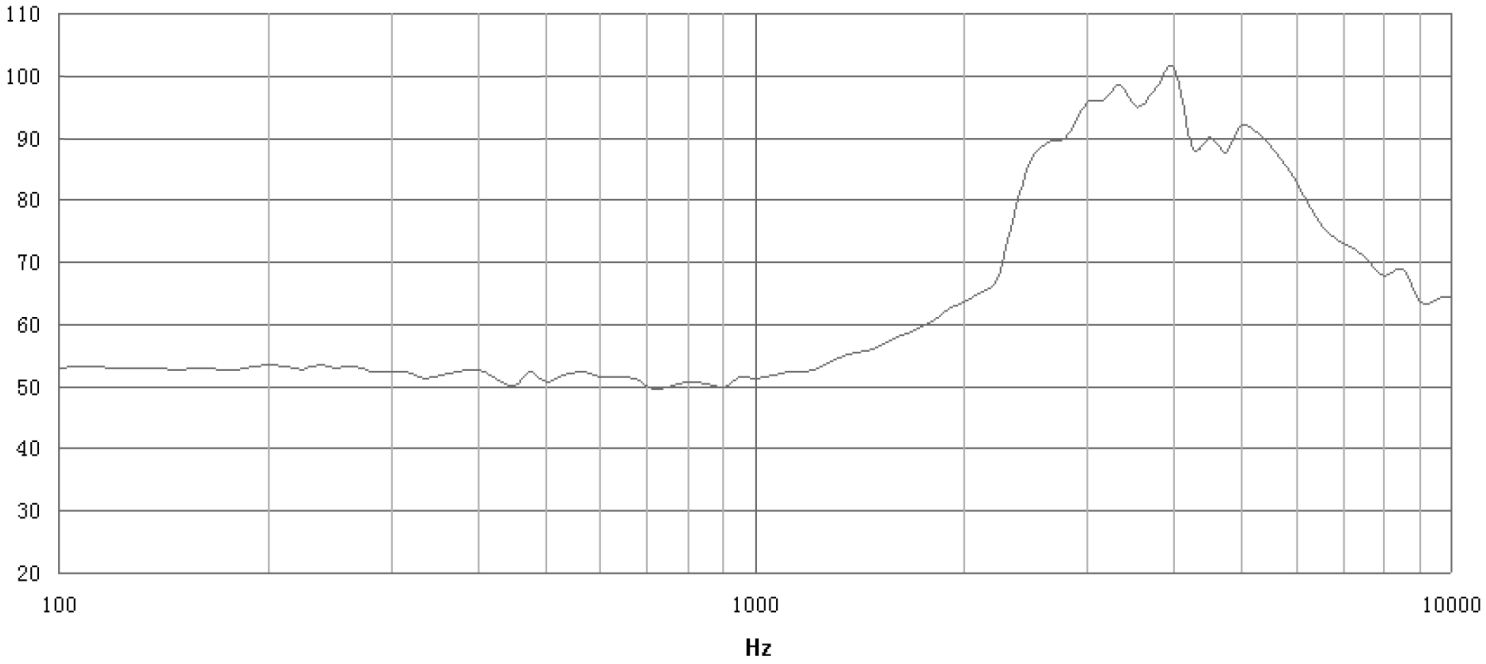
## MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

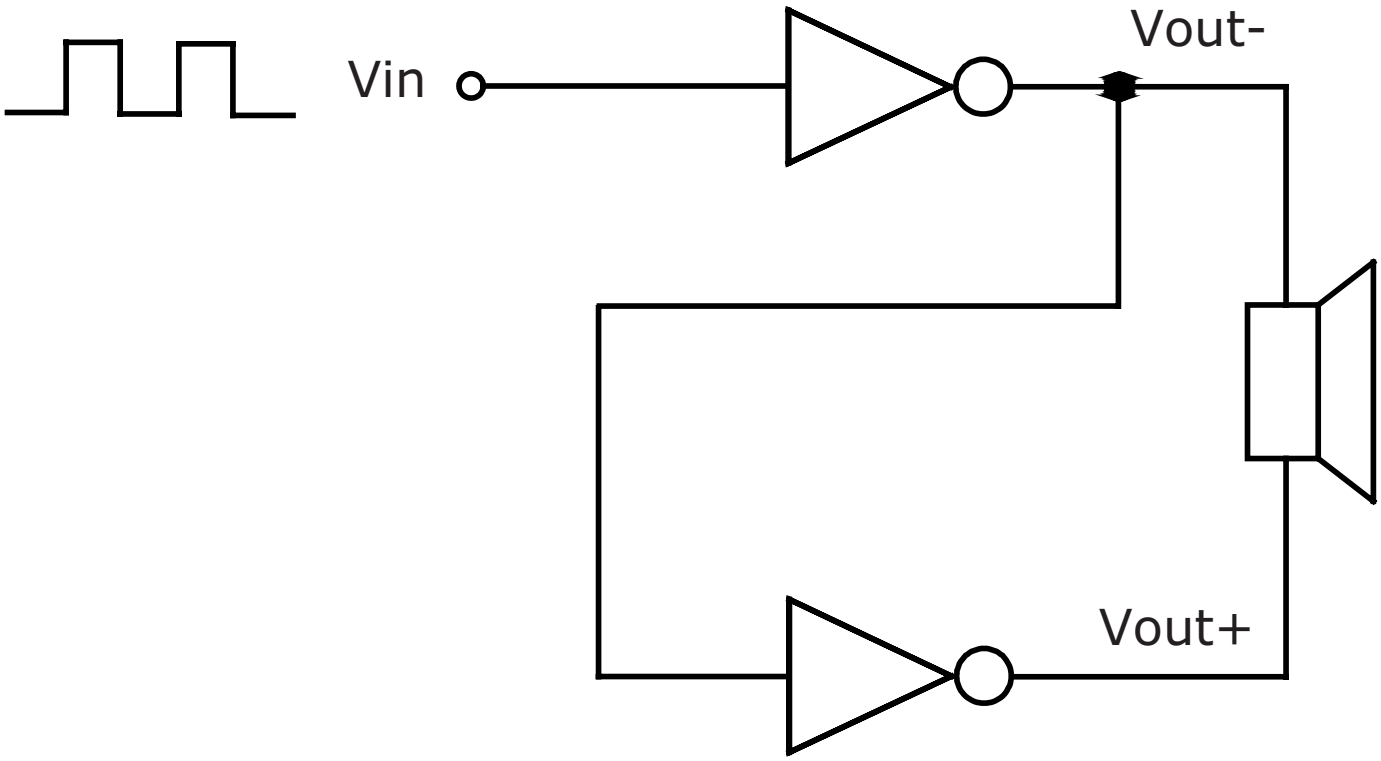
wire: UL 1095 28 AWG



## FREQUENCY RESPONSE CURVE



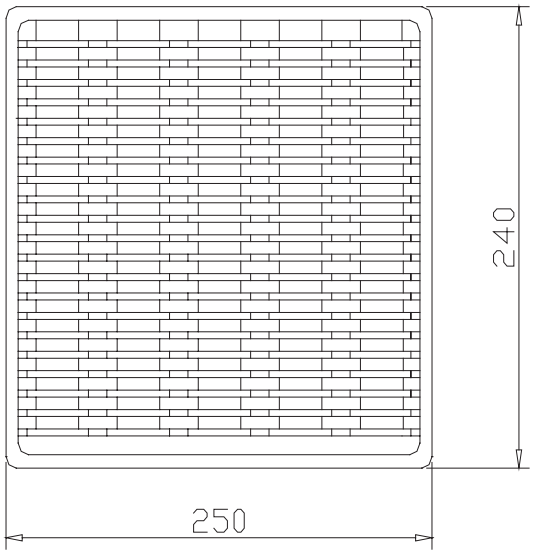

## APPLICATION CIRCUIT



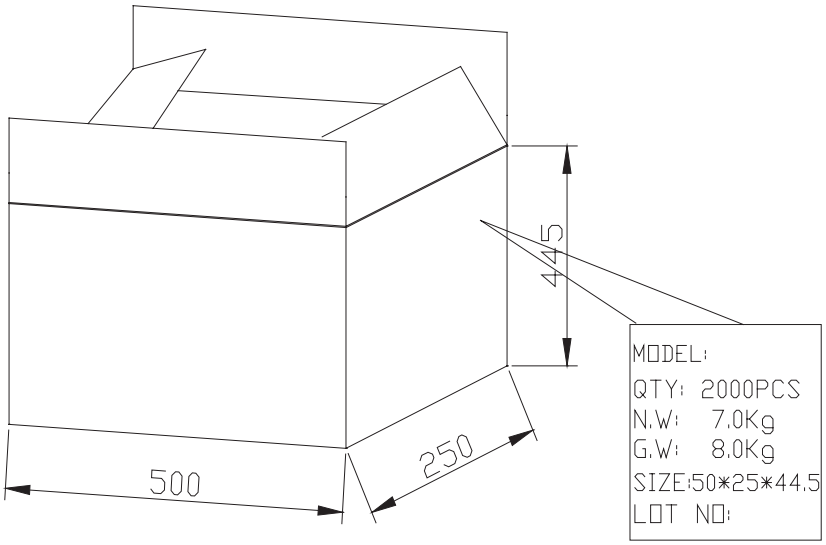
## PACKAGING

units: mm

Carton Size: 500 x 250 x 445 mm
Carton QTY: 2,000 pcs per carton




100PCS/board



## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 07/15/2019 |
| 1.01 | brand update | 01/03/2020 |
| 1.02 | logo, datasheet style update | 08/05/2022 |
| 1.03 | CUI Devices rebranded to Same Sky | 09/11/2024 |

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

same sky

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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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