

**MODEL:** CPS-4013-110T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- 9 V rated
- externally driven
- through hole

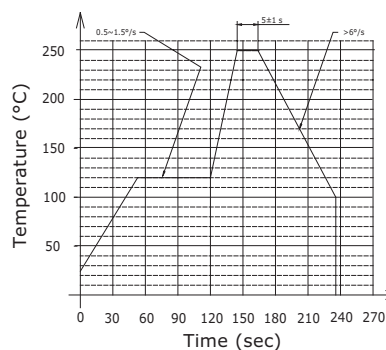
**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------|------------------------------------|-------|-------|-------|-------|
| rated voltage | | | 9 | | Vdc |
| operating voltage | | 6 | | 12 | Vdc |
| current consumption | at rated voltage | | | 50 | mA |
| rated frequency | | 2,900 | 3,200 | 3,500 | Hz |
| sound pressure level | at 10 cm, rated voltage | 110 | 115 | | dB |
| tone | single | | | | |
| dimensions | Ø40.0 x 12.6 | | | | mm |
| weight | | | 9.6 | | g |
| material | ABS777D | | | | |
| terminal | pins (red copper with tin plating) | | | | |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -30 | | 70 | °C |
| washable | no | | | | |
| RoHS | yes | | | | |

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

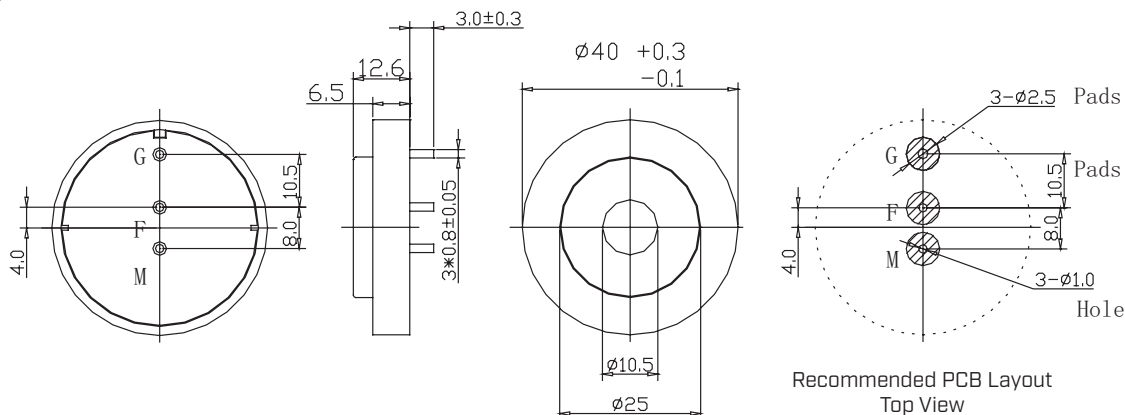
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | | 360 | 380 | 400 | °C |
| wave soldering | see graph below | | | | |



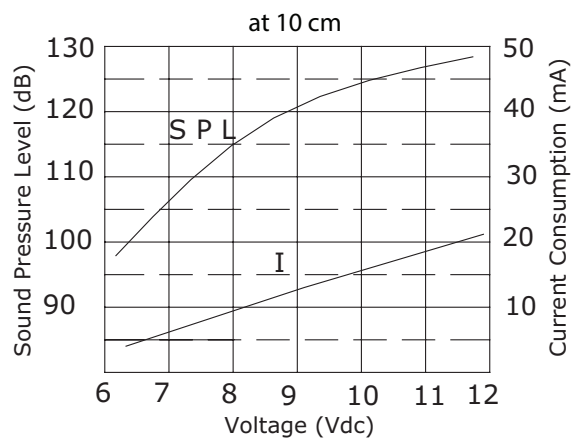
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

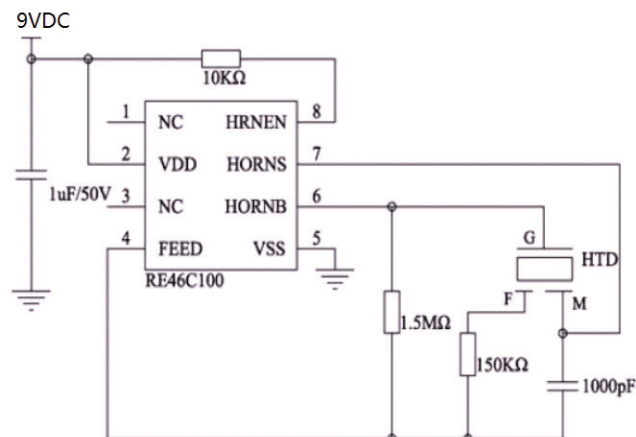


PERFORMANCE CURVES

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



DRIVING CIRCUIT

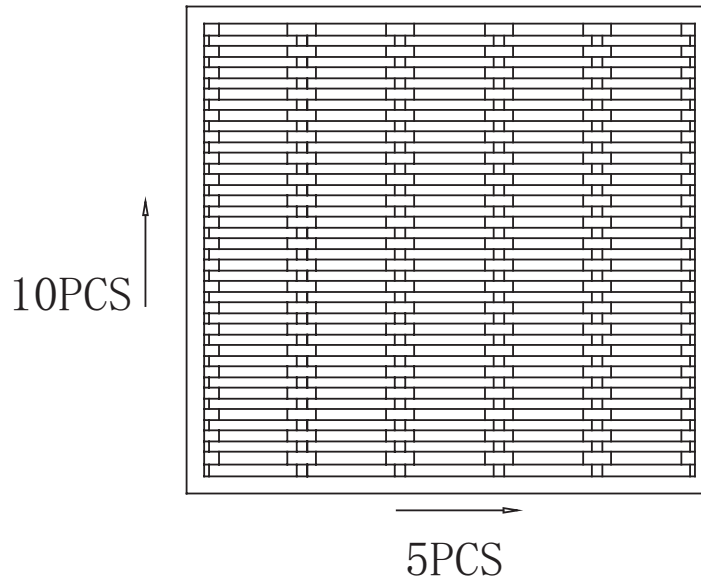


Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

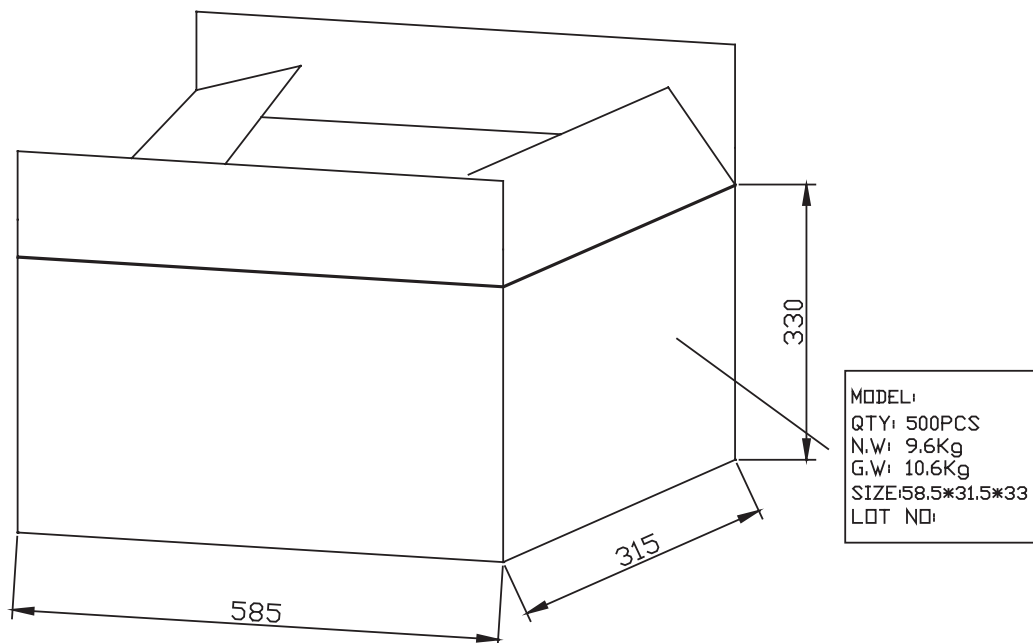
PACKAGING

units: mm

Carton Size: 585 x 315 x 330 mm
Carton QTY: 500 pcs per carton



50 PCS/PACKING BOX



500 PCS/CTN

REVISION HISTORY

| rev. | description | date |
|------|-------------------------------------|------------|
| 1.0 | initial release | 01/08/2020 |
| 1.01 | updated datasheet | 06/15/2020 |
| 1.02 | updated drawing | 01/14/2022 |
| 1.03 | logo, datasheet style update | 08/05/2022 |
| 1.04 | updated recommended driving circuit | 07/12/2024 |
| 1.05 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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



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

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