

**MODEL:** CPI-3816-95T | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- single tone
- externally driven
- through hole

**SPECIFICATIONS**

| parameter             | conditions/description  | min   | typ   | max   | units |
|-----------------------|-------------------------|-------|-------|-------|-------|
| rated voltage         |                         |       | 9     |       | Vdc   |
| operating voltage     |                         | 6     |       | 16    | Vdc   |
| current consumption   | at rated voltage        |       |       | 30    | mA    |
| rated frequency       |                         | 2,700 | 3,200 | 3,700 | Hz    |
| sound pressure level  | at 30 cm, rated voltage | 95    |       |       | dB    |
| tone                  | single                  |       |       |       |       |
| dimensions            | Ø39.0 x 16.0            |       |       |       | mm    |
| weight                |                         |       |       | 8.5   | g     |
| material              | ABS                     |       |       |       |       |
| terminal              | pins (tin plating)      |       |       |       |       |
| operating temperature |                         | -20   |       | 70    | °C    |
| storage temperature   |                         | -30   |       | 80    | °C    |
| washable              | no                      |       |       |       |       |
| RoHS                  | yes                     |       |       |       |       |

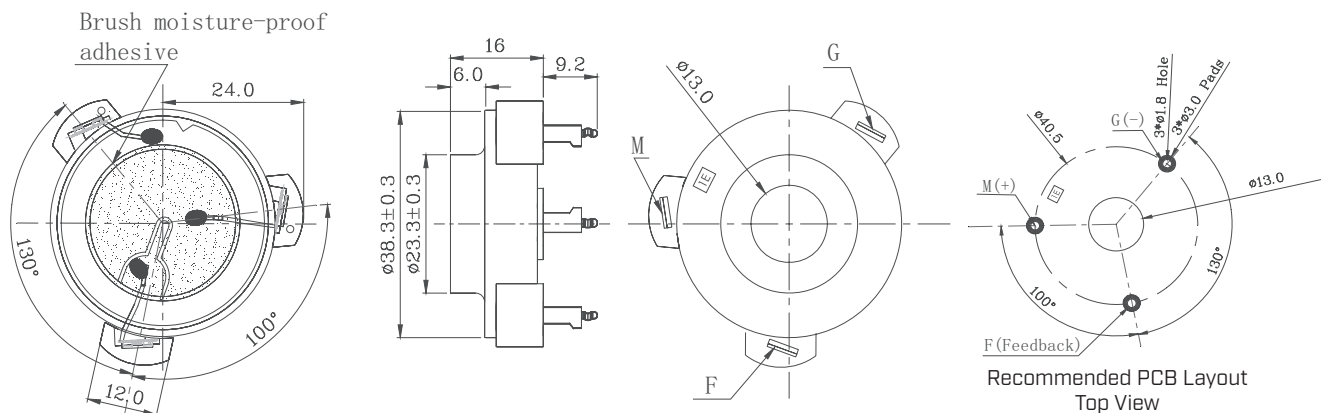
Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

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

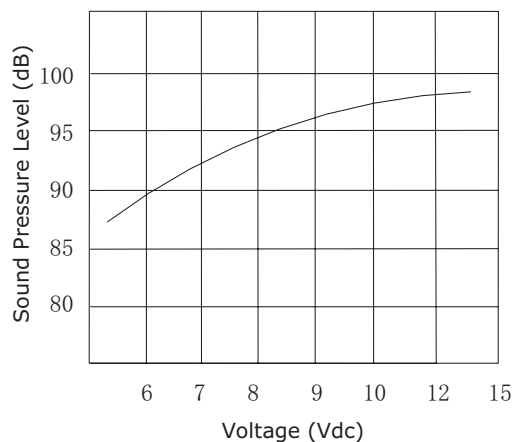
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

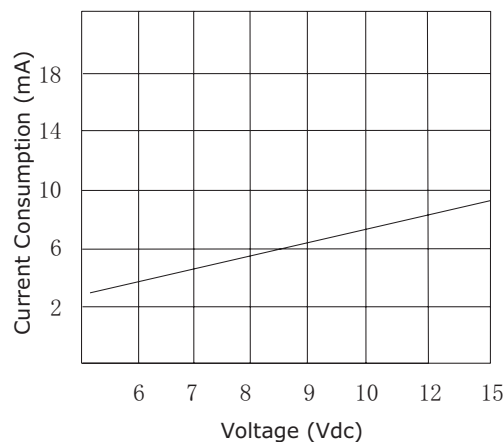


## PERFORMANCE CURVES

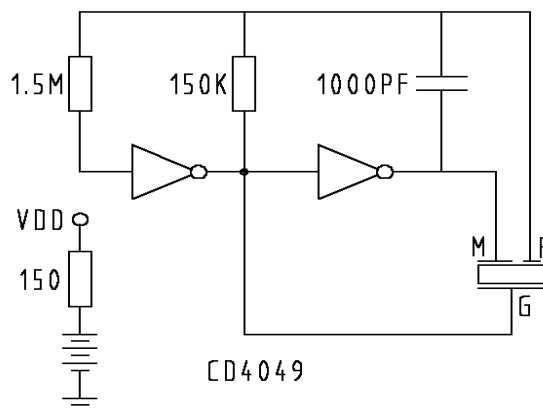
Voltage vs. Sound Pressure Level  
at 30 cm, 25°C



Voltage vs. Current Consumption  
at 25°C



## DRIVING CIRCUIT

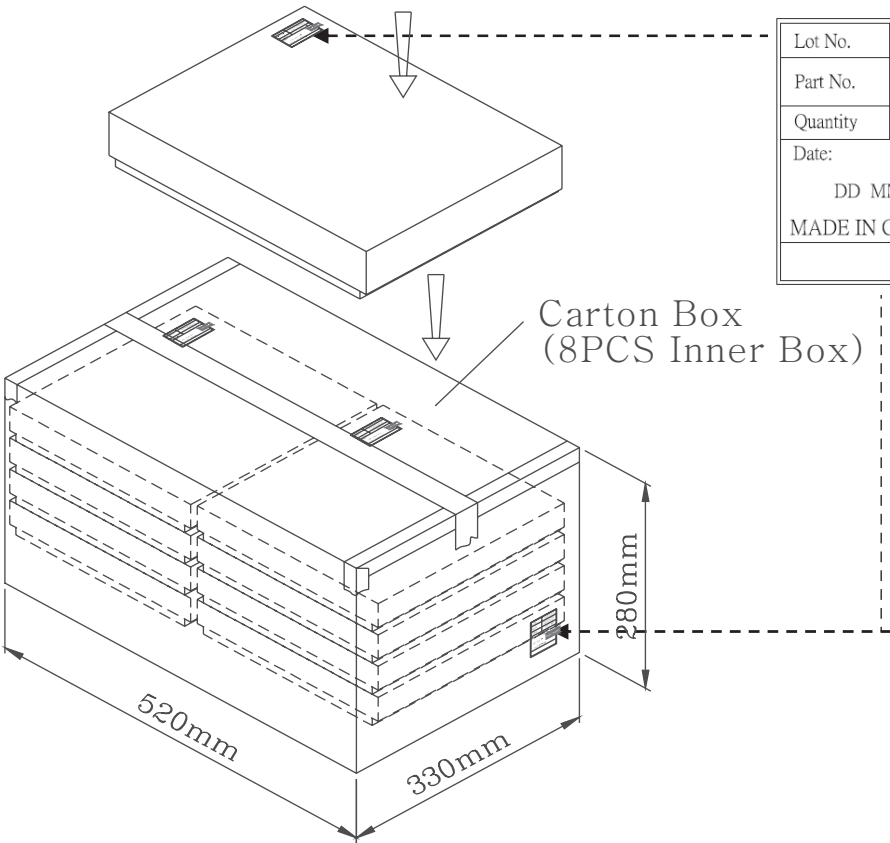
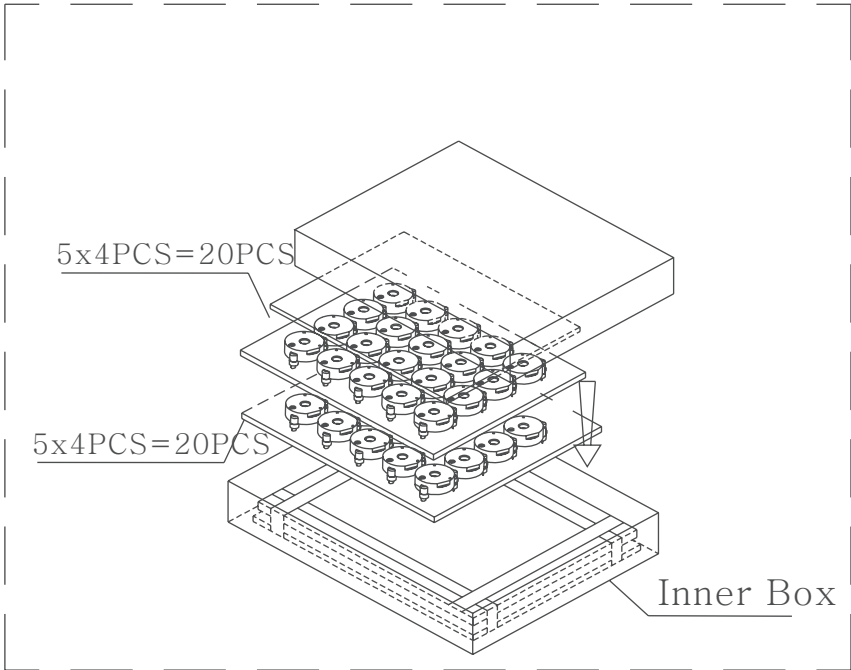


Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

PACKAGING

units: mm

Carton Size: 520 x 330 x 280 mm  
Carton QTY: 320 pcs per carton



|               |                          |
|---------------|--------------------------|
| Lot No.       | XXXXXXXXXX               |
| Part No.      | XXXXXXXXXX<br>XXXXXXXXXX |
| Quantity      | XXXX Pcs                 |
| Date:         |                          |
| DD MM YY      |                          |
| MADE IN CHINA |                          |
|               |                          |

RoHs Compliant

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 12/10/2019 |
| 1.01 | logo, datasheet style update      | 08/05/2022 |
| 1.02 | 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 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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