

**SERIES:** CPI-5029-105T | **DESCRIPTION:** PIEZO BUZZER INDICATOR**FEATURES**

- through hole
- 105 dB
- piezo
- internally driven

**SPECIFICATIONS**

| parameter             | conditions/description                  | min   | typ   | max   | units |
|-----------------------|-----------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                         |       | 12    |       | Vdc   |
| operating voltage     |                                         | 5     |       | 13    | Vdc   |
| current consumption   | at rated voltage                        |       |       | 75    | mA    |
| rated frequency       | at rated voltage                        | 2,000 | 2,500 | 3,000 | Hz    |
| sound pressure level  | at 30 cm, rated voltage                 | 105   |       |       | dB    |
| tone                  | single                                  |       |       |       |       |
| dimensions            | Ø50 x 29                                |       |       |       | mm    |
| weight                |                                         |       | 28.0  |       | g     |
| material              | ABS                                     |       |       |       |       |
| terminal              | pins (phosphor bronze with tin plating) |       |       |       |       |
| operating temperature |                                         | -20   |       | 60    | °C    |
| storage temperature   |                                         | -30   |       | 70    | °C    |
| RoHS                  | yes                                     |       |       |       |       |

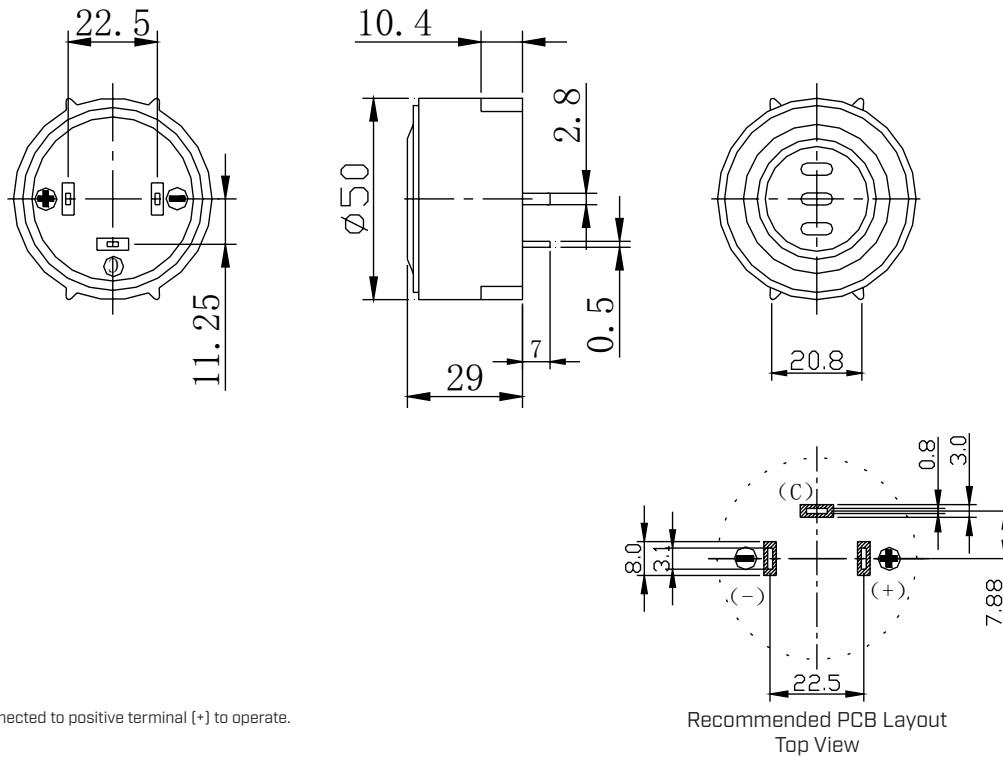
Notes: 1. All specifications measured at 25±3°C, humidity at 60-70%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

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

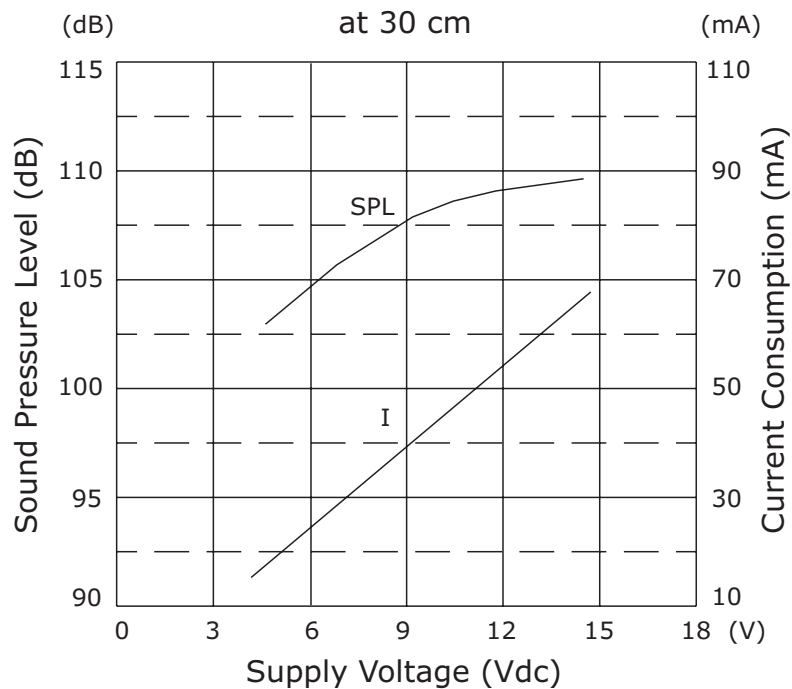
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

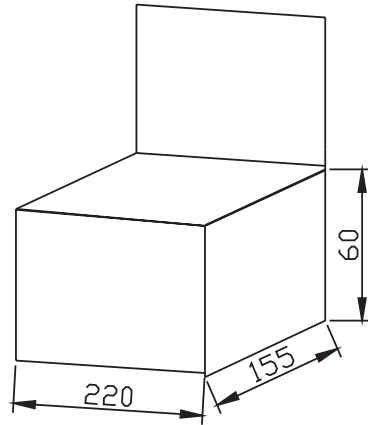
SPL: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption



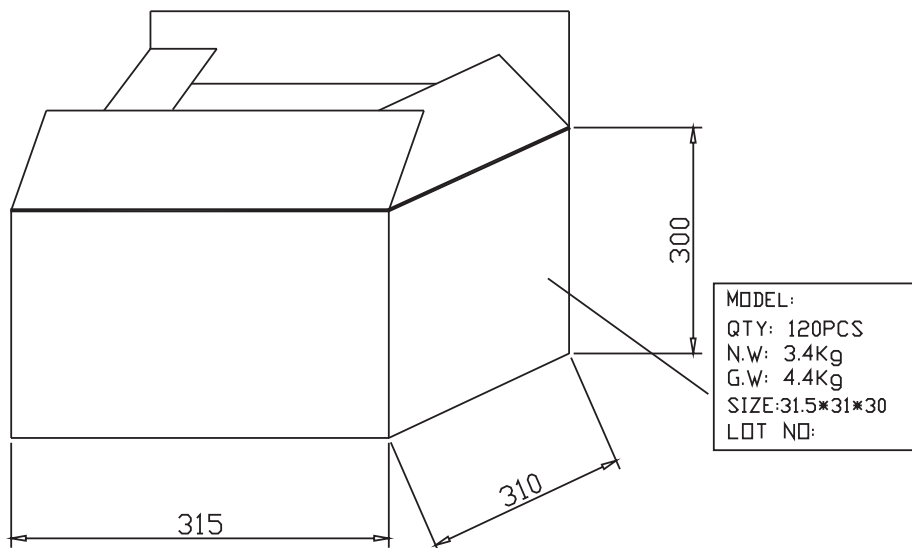
## PACKAGING

units: mm

Carton Size: 315 x 310 x 300 mm  
Carton QTY: 120 pcs per carton



$4 \times 3\text{PCS} = 12\text{PCS}/\text{box}$



120PCS/CARTON

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 07/18/2019 |
| 1.01 | brand update                      | 01/02/2020 |
| 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 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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