

**MODEL:** CS-8412 | **DESCRIPTION:** SOLID STATE INDICATOR**FEATURES**

- solid state
- driving circuit
- through hole

**SPECIFICATIONS**

| parameter             | conditions/description  | min | typ  | max  | units |
|-----------------------|-------------------------|-----|------|------|-------|
| rated voltage         |                         |     | 12.0 |      | Vdc   |
| operating voltage     |                         | 8.0 |      | 16.0 | Vdc   |
| current consumption   | at rated voltage        |     |      | 30   | mA    |
| rated frequency       |                         | 250 | 400  | 550  | Hz    |
| sound pressure level  | at 30 cm, rated voltage | 77  |      |      | dB    |
| tone                  | continuous              |     |      |      |       |
| dimensions            | 23.4 x 16.8 x 15.5      |     |      |      | mm    |
| weight                |                         |     |      | 8.5  | g     |
| material              | ABS (black)             |     |      |      |       |
| terminal              | pins (tin plated)       |     |      |      |       |
| operating temperature |                         | -20 |      | 60   | °C    |
| storage temperature   |                         | -30 |      | 70   | °C    |
| RoHS                  | yes                     |     |      |      |       |

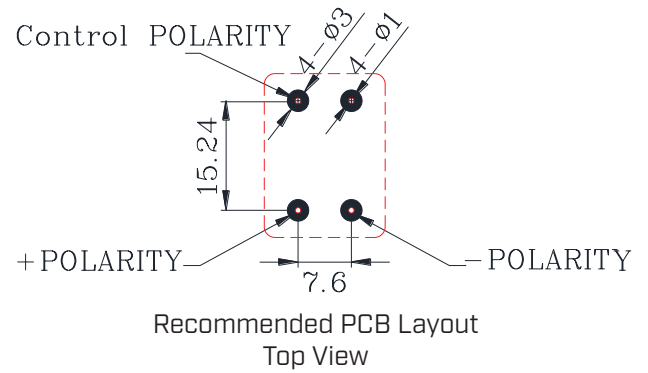
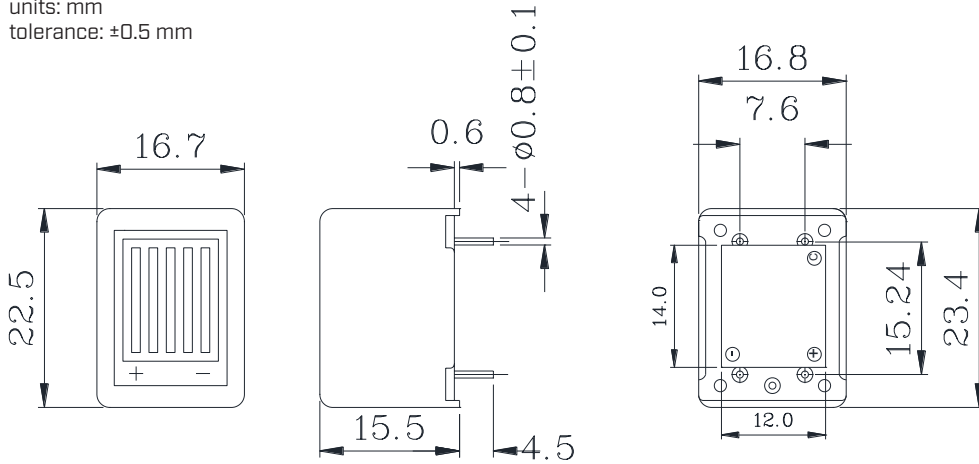
Notes: 1. All specifications measured at 5-35°C, humidity at 45-70%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 5 seconds  | 330 |     | 380 | °C    |

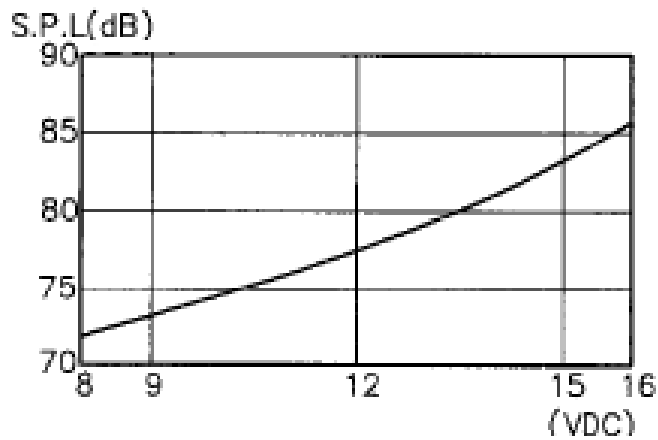
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

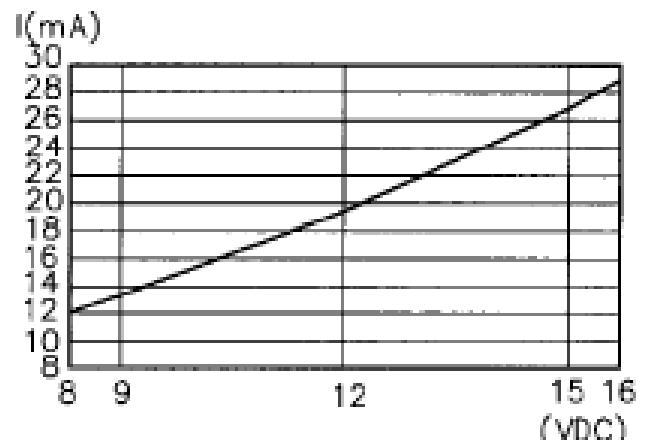


## PERFORMANCE CURVES

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



Voltage vs. Current Consumption  
at 25°C



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 11/12/2007 |
| 1.01 | modified design                   | 08/21/2023 |
| 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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