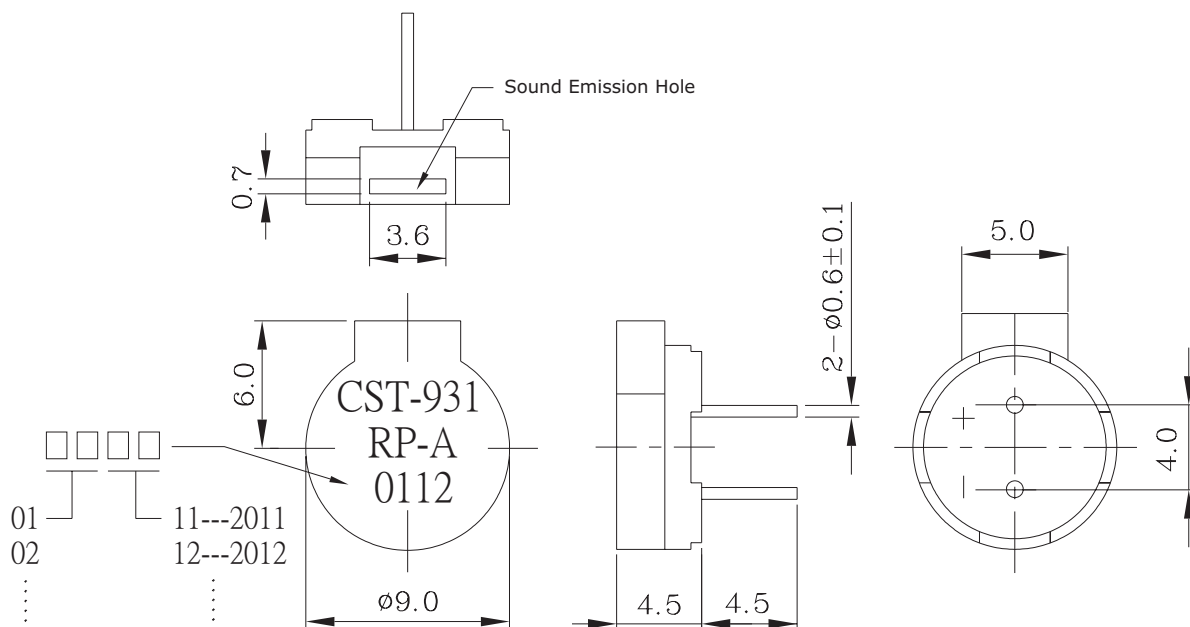


**MODEL:** CST-931RP-A | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- side port
- SPL 85 dB
- low profile

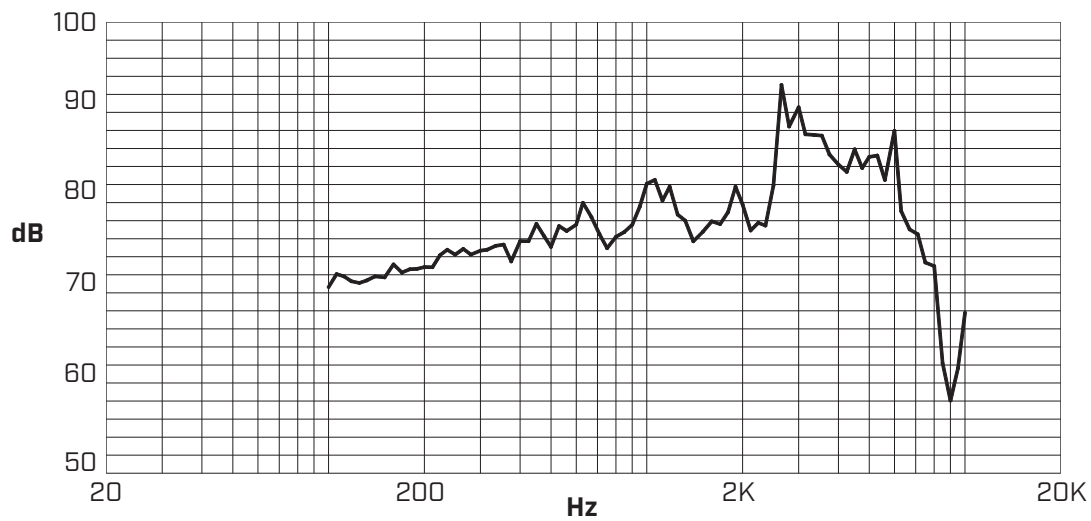
**SPECIFICATIONS**

| parameter             | conditions/description                         | min  | typ   | max  | units |
|-----------------------|------------------------------------------------|------|-------|------|-------|
| rated voltage         |                                                |      | 3.0   |      | Vo-p  |
| operating voltage     |                                                | 2.0  |       | 4.0  | Vo-p  |
| current consumption   | at rated voltage, 2,730 Hz square wave, ½ duty |      |       | 80   | mA    |
| coil resistance       |                                                | 12.7 | 15.0  | 17.3 | Ω     |
| sound pressure level  | at 10 cm                                       | 85   | 92    |      | dB    |
| rated frequency       |                                                |      | 2,730 |      | Hz    |
| dimensions            | ø9.0 x H4.5                                    |      |       |      | mm    |
| weight                |                                                |      | 0.6   |      | g     |
| material              | PPD (black)                                    |      |       |      |       |
| terminal              | pin type (Au plating)                          |      |       |      |       |
| operating temperature |                                                | -20  |       | 60   | °C    |
| storage temperature   |                                                | -30  |       | 70   | °C    |
| RoHS                  | yes                                            |      |       |      |       |

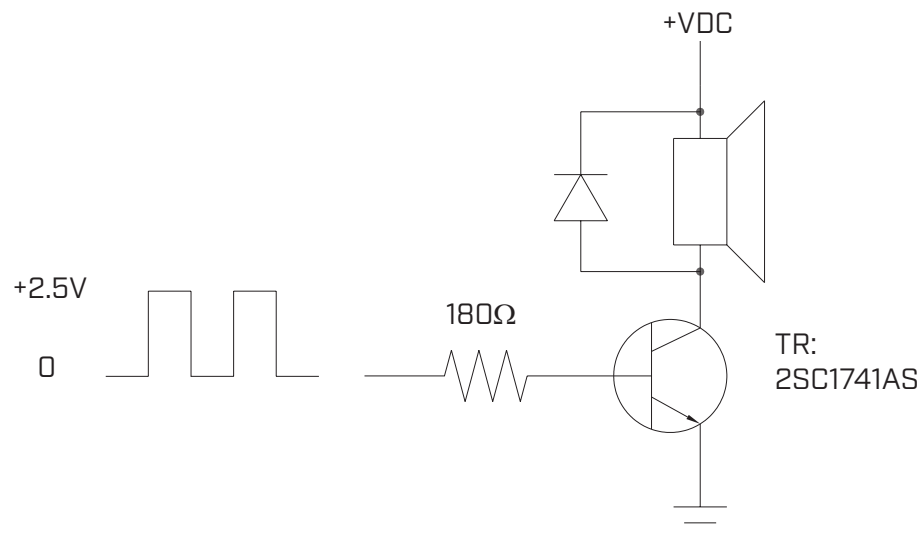
**MECHANICAL DRAWING**

## FREQUENCY RESPONSE CURVE

A: frequency response. Magn dB re 20.00 $\mu$ PA



## MEASUREMENT METHOD



## REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 01/30/2006 |
| 1.01 | updated template and model number | 04/24/2012 |
| 1.02 | logo, datasheet style update      | 08/05/2022 |

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



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

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