

**MODEL:** CMR-1005-532SP | **DESCRIPTION:** RECEIVER**FEATURES**

- for in ear applications
- 32 ohm

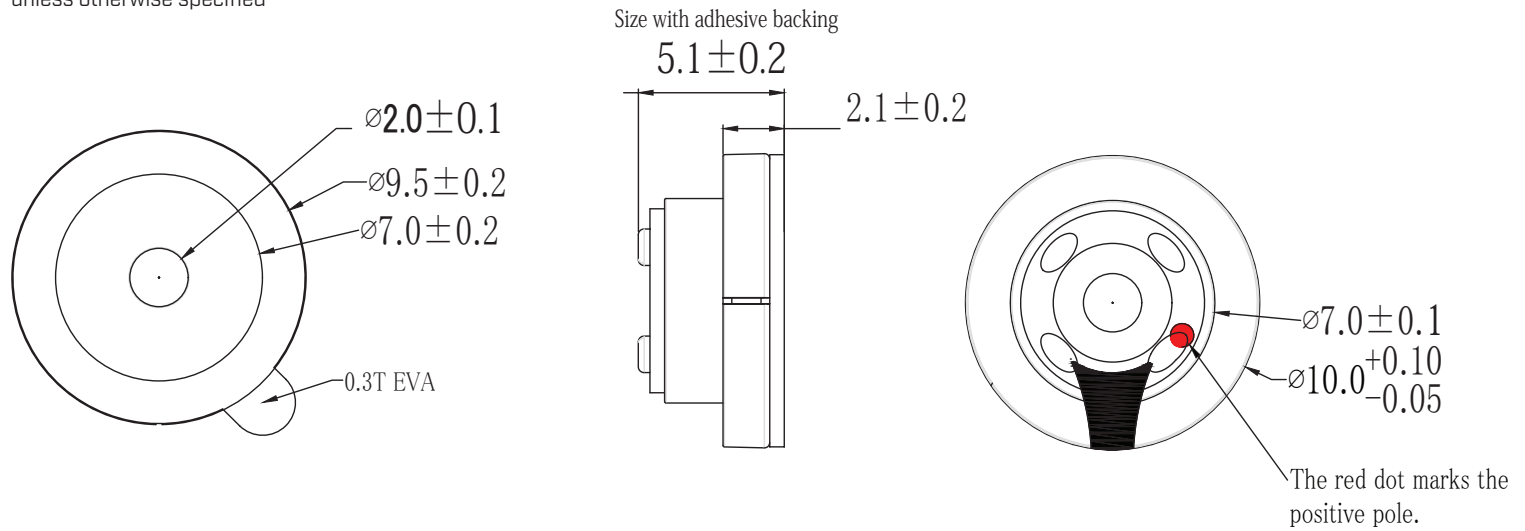
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min  | typ   | max    | units              |
|-------------------------|-----------------------------------------------------------|------|-------|--------|--------------------|
| input power             | sine wave                                                 |      | 5     | 10     | mW                 |
| impedance               |                                                           | 27.2 | 32.0  | 36.8   | $\Omega$           |
| resonant frequency (Fo) |                                                           | 97.6 | 122.0 | 146.4  | Hz                 |
| frequency response      |                                                           | 20   |       | 20,000 | Hz                 |
| sound pressure level    | at 1 kHz, 1 mW measured with artificial ear (IEC-318)     | 100  | 103   | 106    | dB                 |
| distortion              | at 100~10,000 Hz, 3 mW                                    |      |       | 2      | %                  |
| buzz, rattle, etc.      | must be normal a sine wave between 50~4,000 Hz            |      |       | 0.35   | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |      |       |        |                    |
| dimensions              | $\varnothing 10 \times 5.1$                               |      |       |        | mm                 |
| magnet                  | Nd-Fe-B                                                   |      |       |        |                    |
| frame                   | SPCC                                                      |      |       |        |                    |
| cone material           | PET                                                       |      |       |        |                    |
| terminal                | solder pads                                               |      |       |        |                    |
| weight                  |                                                           |      | 0.7   |        | g                  |
| operating temperature   |                                                           | -20  |       | 55     | $^{\circ}\text{C}$ |
| storage temperature     |                                                           | -20  |       | 60     | $^{\circ}\text{C}$ |
| hand soldering          | for 1~3 seconds                                           | 350  | 380   | 410    | $^{\circ}\text{C}$ |
| RoHS                    | yes                                                       |      |       |        |                    |

Notes: 1. All specifications measured at 25~35 $^{\circ}\text{C}$ , humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

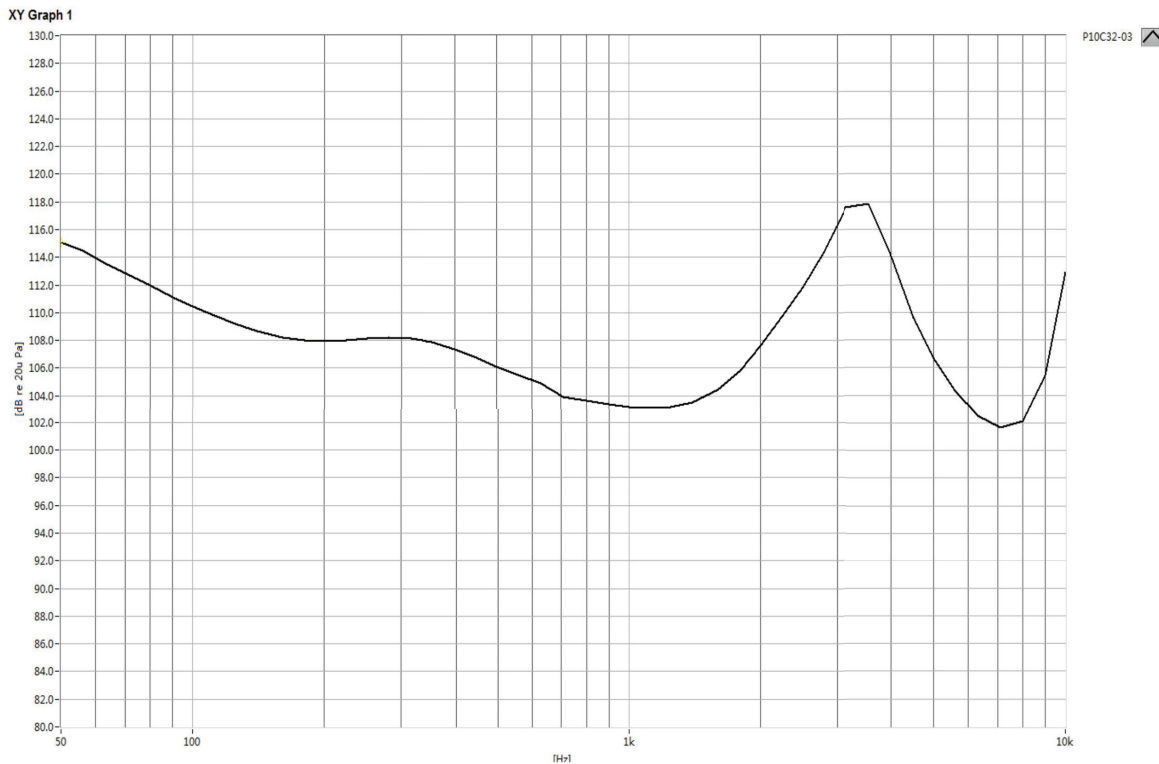
## MECHANICAL DRAWING

units: mm  
tolerance:  
0-8:  $\pm 0.05$  mm  
8-16:  $\pm 0.1$  mm  
unless otherwise specified

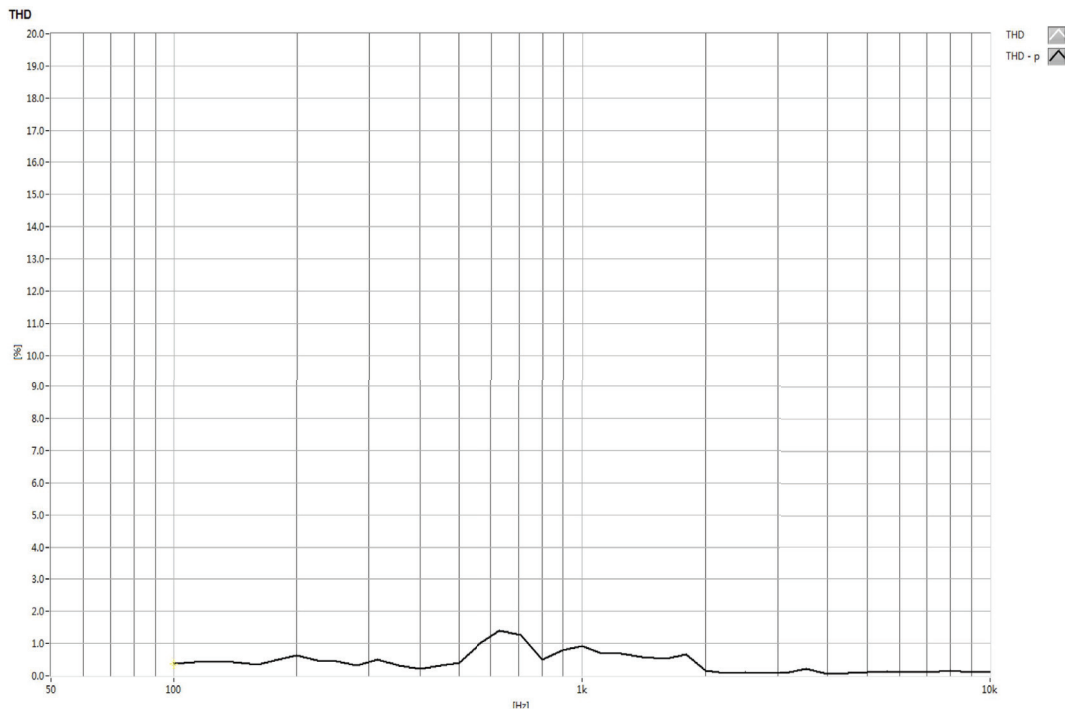


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 08/14/2025 |

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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