



MODEL: CDS-5718-0258E | DESCRIPTION: SPEAKER

FEATURES

- paper cone
- 0.25 W
- solder eyelets



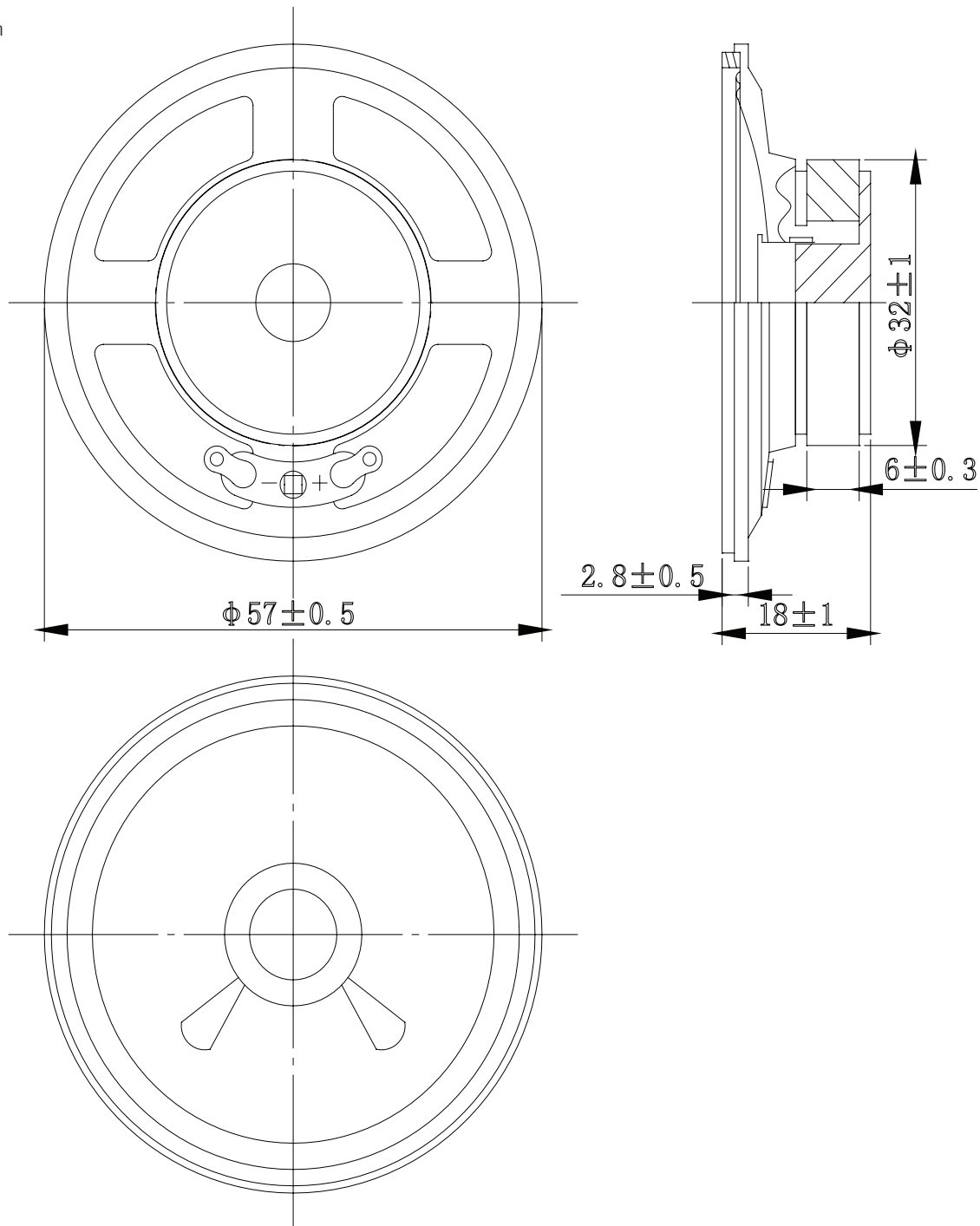
SPECIFICATIONS

| parameter               | conditions/description                                    | min | typ  | max   | units    |
|-------------------------|-----------------------------------------------------------|-----|------|-------|----------|
| input power             |                                                           |     | 0.25 | 0.50  | W        |
| impedance               | at 1 kHz, 1.0 V                                           | 6.8 | 8    | 9.2   | $\Omega$ |
| resonant frequency [Fo] | at 1.0 V                                                  | 336 | 420  | 504   | Hz       |
| frequency response      |                                                           | Fo  |      | 6,000 | Hz       |
| sound pressure level    | at 1.0 W, 100 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz           | 77  | 80   | 83    | dB       |
|                         | at 0.25 W, 10 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz           | 90  | 93   | 96    | dB       |
| distortion              | at 2.0 kHz, 0.2 W                                         |     |      | 5     | %        |
| buzz, rattle, etc.      | must be normal at sine wave between Fo ~ 7 kHz            |     |      | 1.4   | V        |
| polarity                | cone moves forward w/ positive dc current to “+” terminal |     |      |       |          |
| dimensions              | Ø57 x 18                                                  |     |      |       | mm       |
| magnet                  | Nd-Fe-B                                                   |     |      |       |          |
| frame material          | SPCC                                                      |     |      |       |          |
| cone material           | paper                                                     |     |      |       |          |
| terminal                | solder eyelets                                            |     |      |       |          |
| weight                  |                                                           | 46  | 50   | 54    | g        |
| operating temperature   |                                                           | -30 |      | 75    | °C       |
| storage temperature     |                                                           | -40 |      | 85    | °C       |
| hand soldering          | for 3~5 seconds                                           | 370 | 380  | 390   | °C       |
| RoHS                    | yes                                                       |     |      |       |          |

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

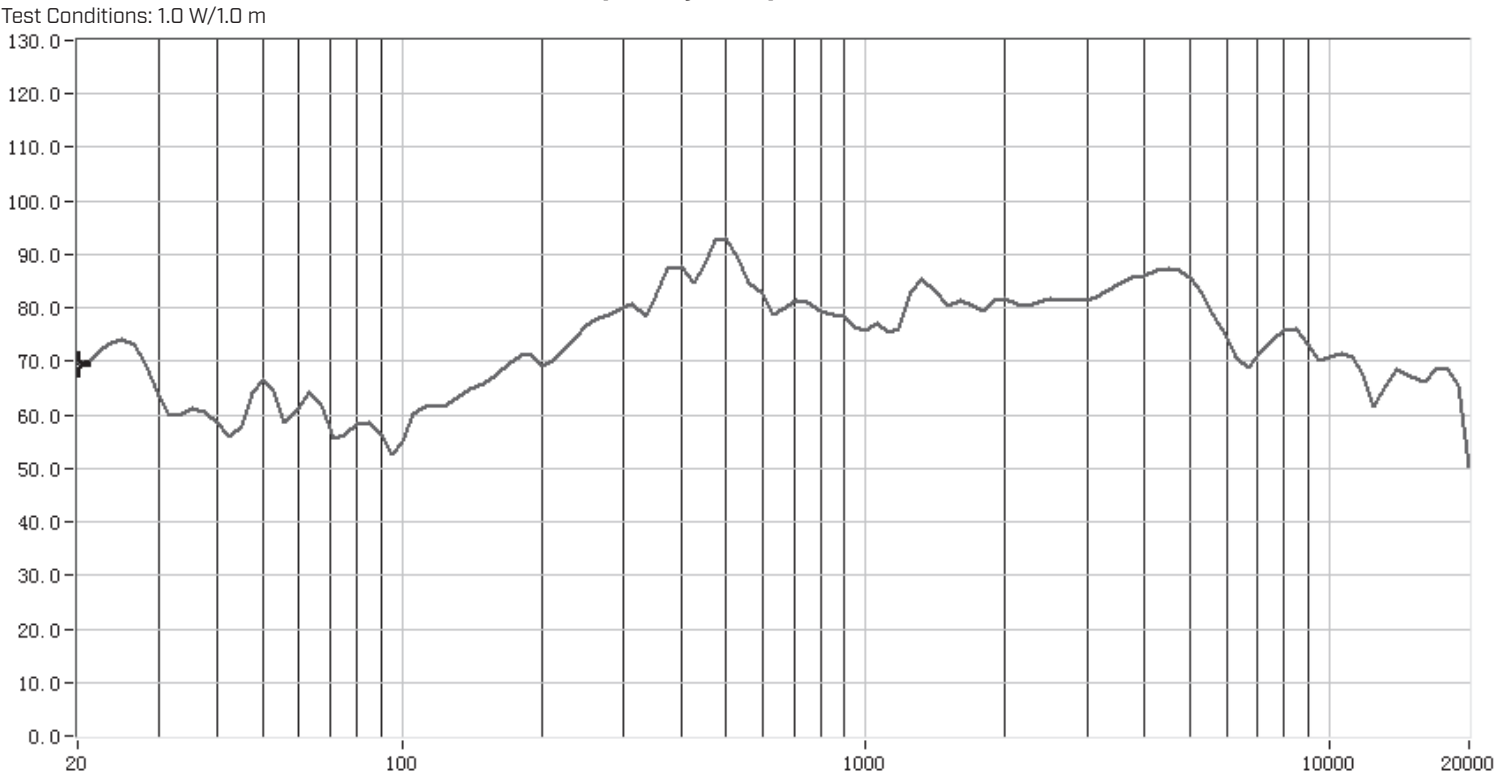
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



RESPONSE CURVE

Frequency Response Curve



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 09/10/2024 |

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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