



MODEL:

CLS0362MA-1

|

DESCRIPTION:

SPEAKER

FEATURES

- 36 mm
- round frame
- 0.5 W
- 8  $\Omega$
- neodymium magnet
- PET cone



SPECIFICATIONS

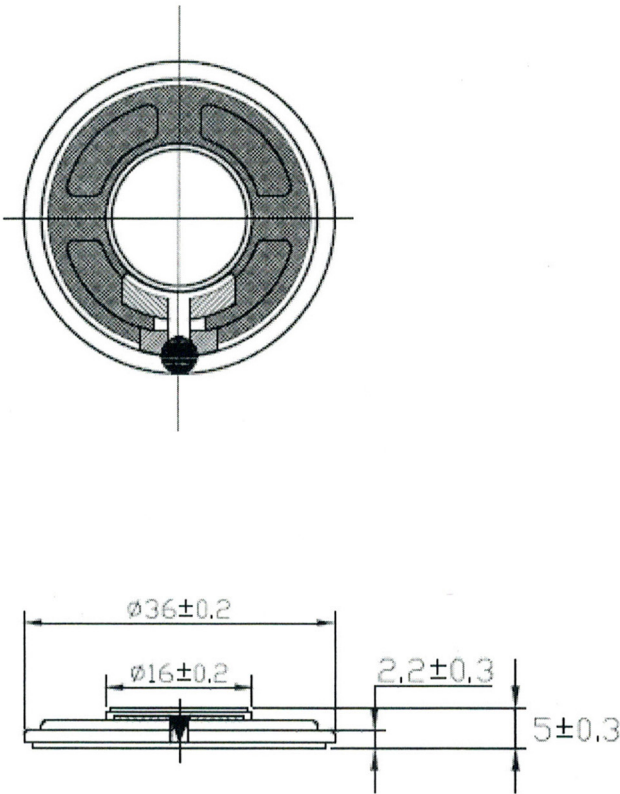
| parameter               | conditions/description                        | min | typ | max    | units        |
|-------------------------|-----------------------------------------------|-----|-----|--------|--------------|
| input power             |                                               |     | 0.5 | 1.0    | W            |
| impedance               | at 1.0 kHz, 1.0 V                             | 6.8 | 8   | 9.2    | $\Omega$     |
| resonant frequency [Fo] | at 1.0 V                                      | 416 | 520 | 624    | Hz           |
| frequency response      |                                               | Fo  |     | 15,000 | Hz           |
| sound pressure level    | at 1.0 W, 1 m, avg. at 0.8, 1.0, 1.2, 1.5 kHz | 89  | 92  | 95     | dB           |
| distortion              | at 2.0 kHz, 0.5 W                             |     |     | 10     | %            |
| buzz, rattle, etc.      | must be normal at sine wave                   |     |     | 2      | V            |
| dimensions              | $\varnothing$ 36 x 5.0                        |     |     |        | mm           |
| magnet                  | Nd-Fe-B                                       |     |     |        |              |
| cone material           | PET                                           |     |     |        |              |
| terminal                | solder pads                                   |     |     |        |              |
| weight                  |                                               |     | 8.8 |        | g            |
| operating temperature   |                                               | -25 |     | 60     | $^{\circ}$ C |
| hand soldering          | for maximum 3 seconds                         | 340 | 350 | 360    | $^{\circ}$ C |
| RoHS                    | yes                                           |     |     |        |              |

Notes:

1. All specifications measured at 15-35 $^{\circ}$ C, humidity at 25-75%, under 86-106 kPa pressure, unless otherwise noted.

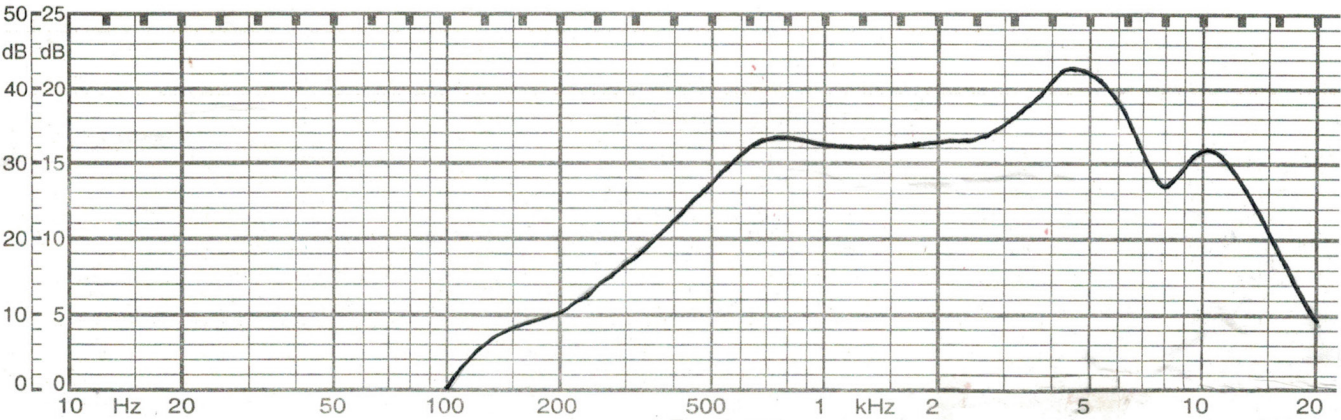
MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.2$  mm



FREQUENCY RESPONSE CURVE

| parameter             | conditions/description |
|-----------------------|------------------------|
| potentiometer range   | 50 dB                  |
| rectifier             | RMS                    |
| lower limit frequency | 20 Hz                  |
| wr. speed             | 100 mm/sec             |
| zero level            | 60 dB                  |



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 07/20/2007 |
| 1.01 | brand update                      | 02/21/2020 |
| 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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