

**MODEL:** CLS0281MP | **DESCRIPTION:** SPEAKER**FEATURES**

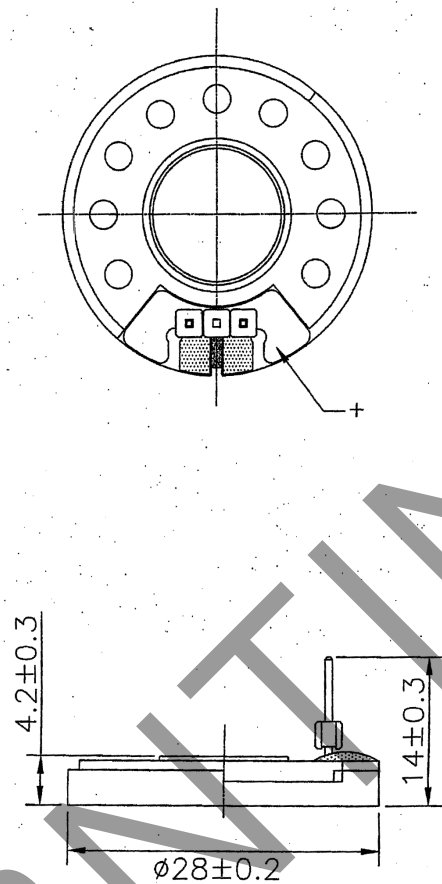
- 28 mm round frame
- 8  $\Omega$  impedance
- rated 0.2 W
- neodymium magnet
- PET cone

**SPECIFICATIONS**

| parameter               | conditions/description                         | min | typ | max   | units    |
|-------------------------|--|-----|-----|-------|----------|
| input power             |  |     | 0.2 | 0.3   | W        |
| impedance               | at 1.5 kHz, 1.0 V                              | 6.8 | 8   | 9.2   | $\Omega$ |
| resonant frequency (Fo) | at Fo, 1.0 V                                   | 700 | 850 | 1,000 | Hz       |
| frequency response      |  | Fo  |     | 6,000 | Hz       |
| sound pressure level    | at 0.2 W, 50 cm, avg at 1.2, 1.5, 2.0, 2.5 kHz | 87  | 82  | 85    | dB       |
| buzz, rattle, etc.      | must be normal at sine wave, frequency range   |     |     | 1.25  | V        |
| dimensions              | $\varnothing 28 \times 4.2$                    |     |     |       | mm       |
| magnet                  | Nb-Fe-B  |     |     |       |          |
| cone material           | PET  |     |     |       |          |
| terminal                | solder pins                                    |     |     |       |          |
| RoHS                    | yes  |     |     |       |          |

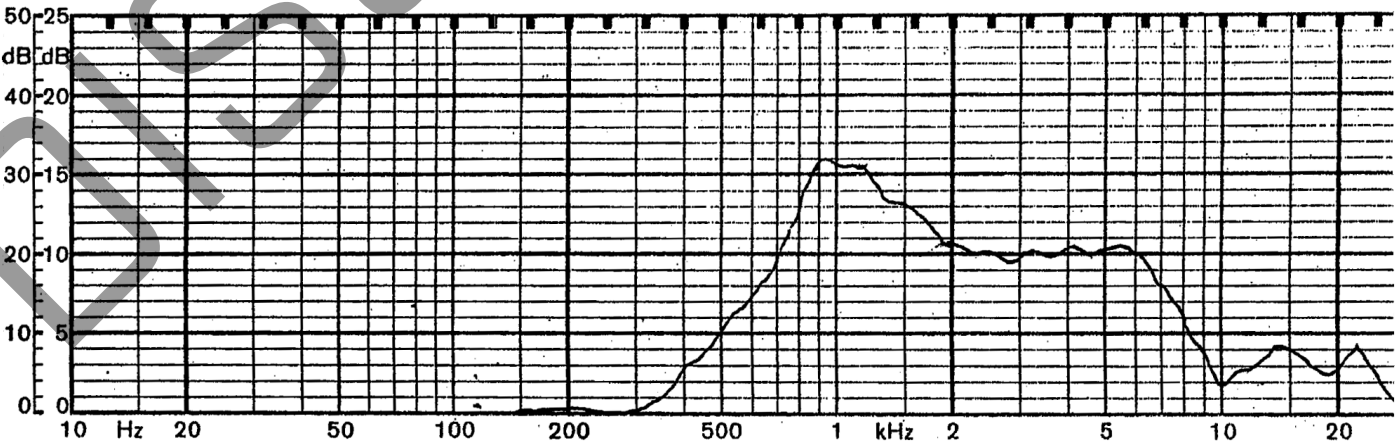
MECHANICAL DRAWING

units: 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                   | 07/03/2007 |
| 1.01 | brand update                      | 02/08/2021 |
| 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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