

MODEL: GC0281M | **DESCRIPTION:** SPEAKER**FEATURES**

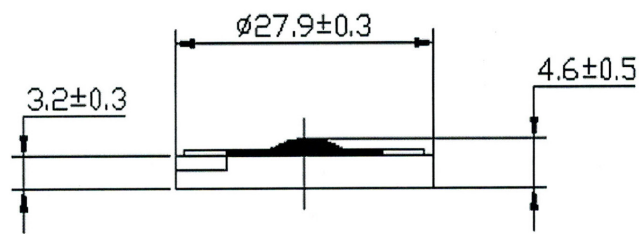
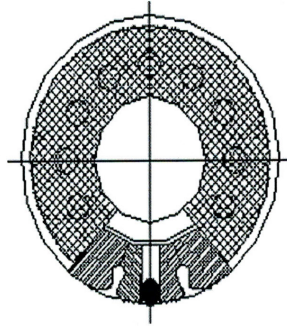
- 28 mm
- round frame
- rated 0.2 W
- 8 Ω impedance
- neodymium magnet
- PET cone

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|-----|-------|--------------|
| input power | | | 0.2 | 0.4 | W |
| impedance | at 1.0 kHz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 V | 560 | 700 | 840 | Hz |
| frequency response | | Fo | | 4,500 | Hz |
| sound pressure level | 1.0 W, 50 cm, avg. at 0.6, 0.8, 1.0, 1.2 kHz | 88 | 91 | 94 | dB |
| distortion | at 1.0 kHz, 0.2 W | | | 10 | % |
| buzz, rattle, etc. | must be normal at sine wave | | | 1.26 | V |
| dimensions | \varnothing 27.9 x 4.6 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| cone material | PET | | | | |
| terminal | solder pads | | | | |
| weight | | | 3.2 | | g |
| operating temperature | | -25 | | 60 | $^{\circ}$ C |
| hand soldering | for maximum 3 seconds | 340 | 350 | 360 | $^{\circ}$ C |
| RoHS | yes | | | | |

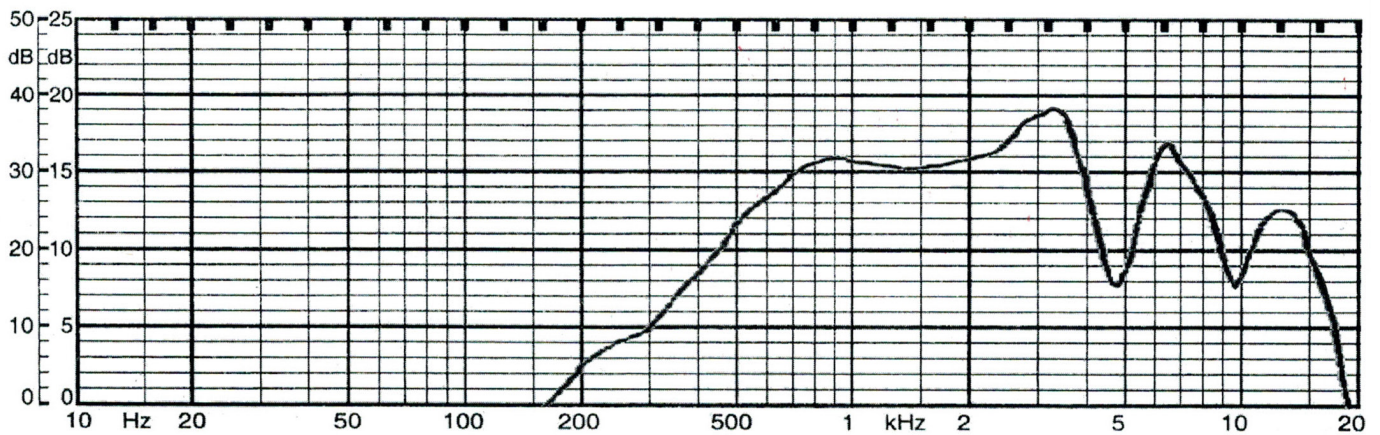
MECHANICAL DRAWING

units: mm
tolerance: ± 0.3 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 | 04/10/2003 |
| 1.01 | brand update | 10/13/2020 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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