



MODEL: GC0402MA

|

DESCRIPTION: SPEAKER

FEATURES

- 40 mm
- round frame
- rated 0.5 W
- 8 Ω impedance
- neodymium magnet
- PET cone



SPECIFICATIONS

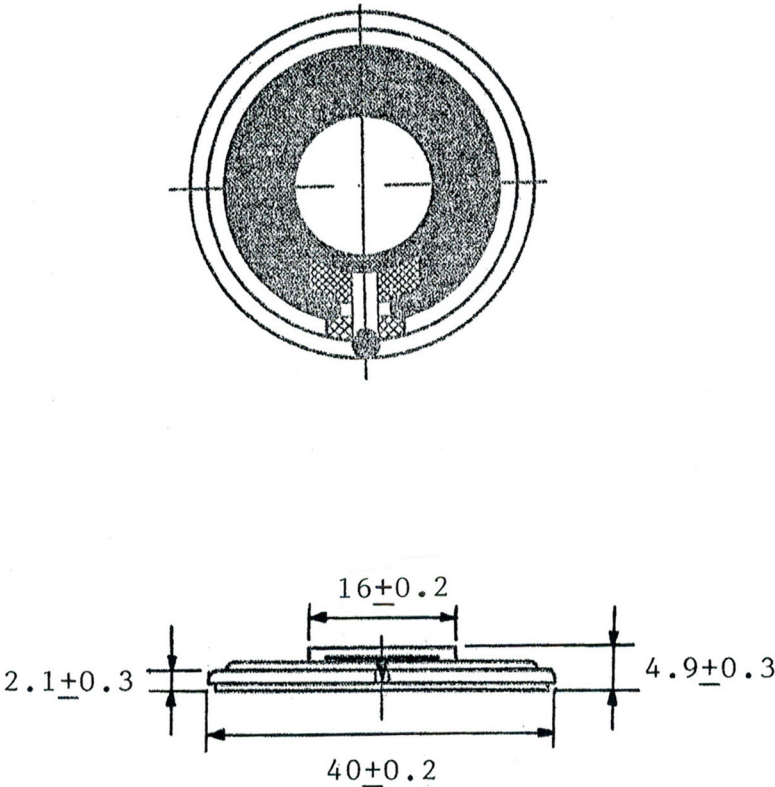
| parameter | conditions/description | min | typ | max | units |
|-------------------------|---|-----|-----|--------|--------------|
| input power | | | 0.5 | 1.0 | W |
| impedance | at 1.0 kHz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency [Fo] | at 1.0 V | 464 | 580 | 696 | Hz |
| frequency response | | Fo | | 10,000 | Hz |
| sound pressure level | at 1.0 W, 50 cm, avg. at 0.8, 1.0, 1.2, 1.5 kHz | 93 | 96 | 99 | dB |
| buzz, rattle, etc. | must be normal at sine wave | | | 2.0 | V |
| dimensions | \varnothing 40 x 4.9 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| cone material | PET | | | | |
| terminal | solder pads | | | | |
| weight | | | 9.8 | | 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.

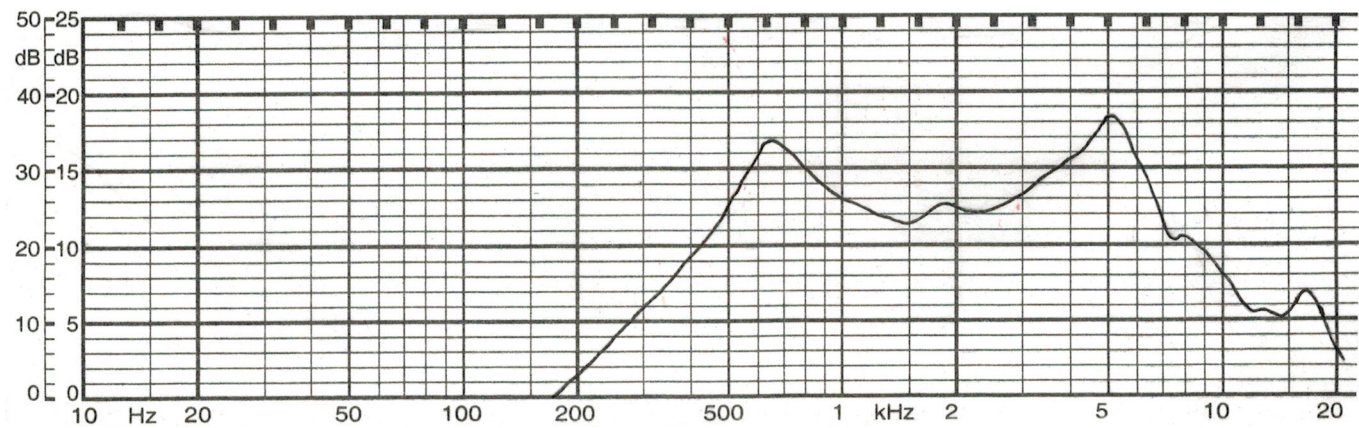
MECHANICAL DRAWING

units: mm
tolerance: ±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 | 70 dB |



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 07/11/2008 |
| 1.01 | brand update | 02/27/2020 |
| 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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

sameskydevices.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Same Sky:](#)

[GC0402MA](#)