



MODEL: GC0251K | **DESCRIPTION:** SPEAKER

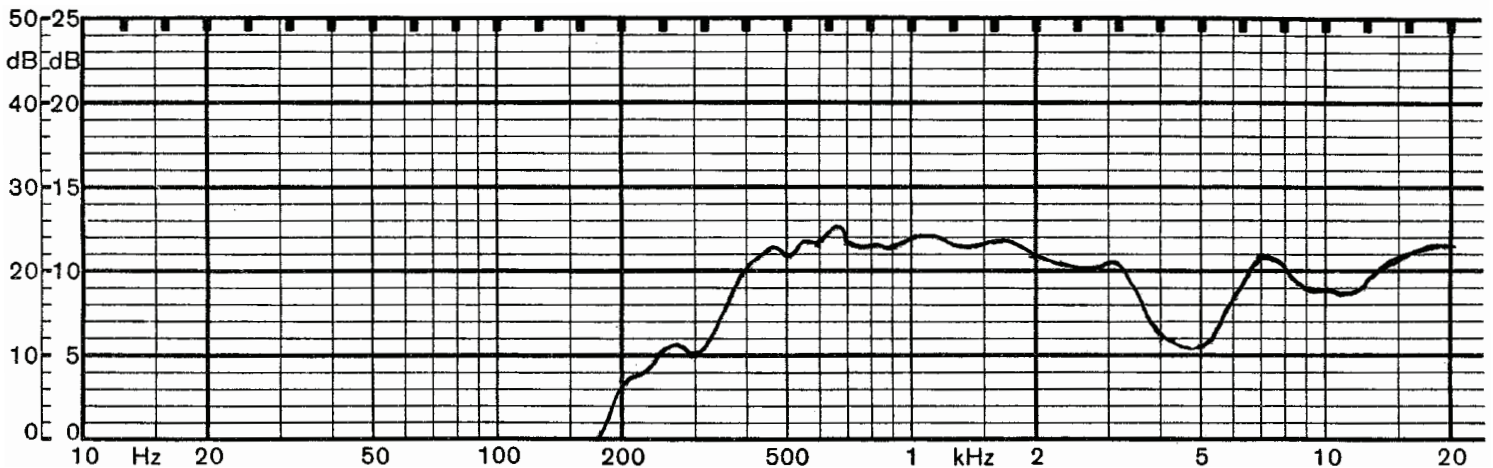


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|----------------------|--|-----|------|--------|--------------|
| nominal size | 14 x 25 | | | | mm |
| impedance | at 1 kHz, 1 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency | at 1 V | 592 | 740 | 888 | Hz |
| sound pressure level | 1 W, 50 cm ave., at 0.8, 1, 1.2, 1.5 kHz | 78 | 81 | 84 | dB |
| response | 10 dB max. | Fo | | 20,000 | Hz |
| input power | | | 1 | 1.5 | W |
| operation | must be normal at program source | | 1 | | W |
| buzz, rattle, etc. | must be normal at sine wave | | 2.83 | | V |
| magnet | size: 7.9 x 1.3 | | | | mm |
| load test | 24 hours of white noise at | | 1 | | W |
| heat test | 20 ~ 50% RH for 24 hours | 58 | 60 | 62 | $^{\circ}$ C |
| humidity test | 90 ~ 95% RH for 24 hours | 38 | 40 | 42 | $^{\circ}$ C |
| RoHS | 2011/65/EU | | | | |

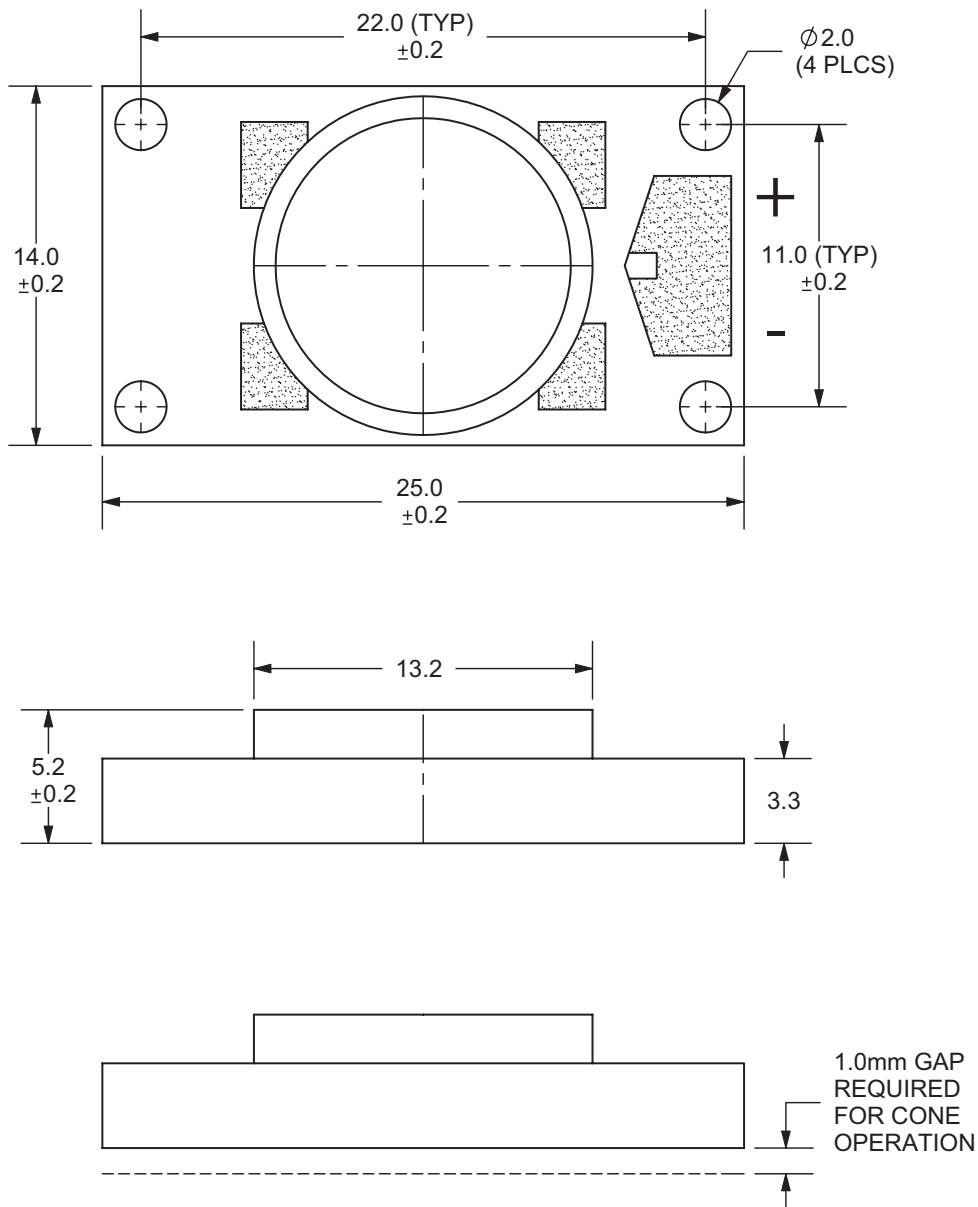
FREQUENCY RESPONSE CURVE

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



MECHANICAL DRAWING

units: mm



REVISION HISTORY

| rev. | description | date |
|------|--------------------------------------|------------|
| 1.0 | initial release | 01/28/2009 |
| 1.01 | applied new template, corrected spec | 06/18/2014 |

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



Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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