



MODEL: GF0401M | **DESCRIPTION:** SPEAKER

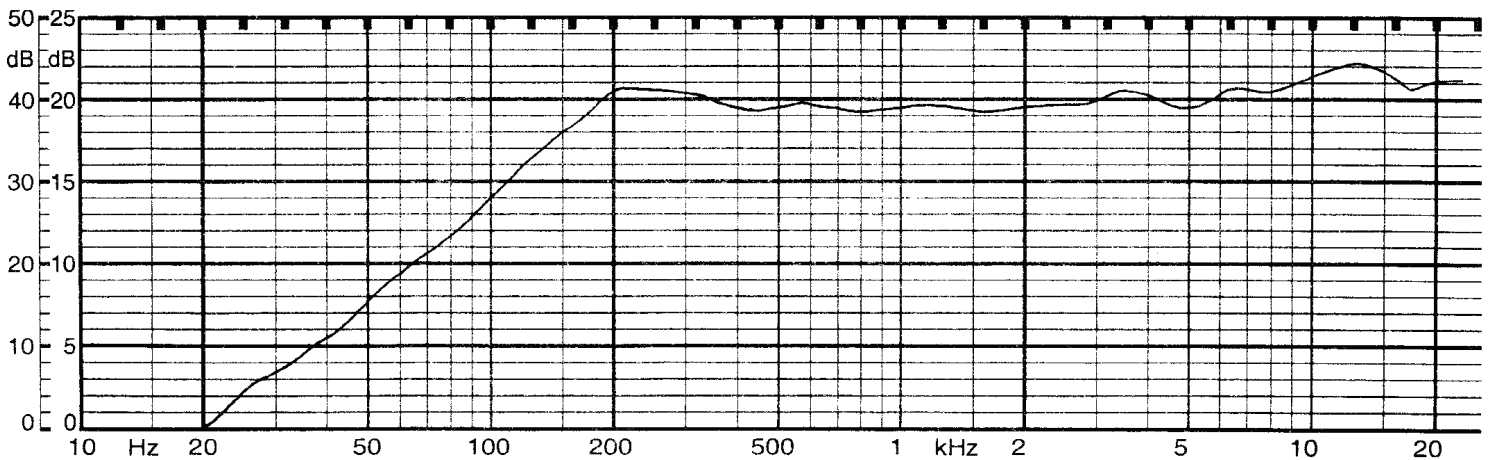


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|----------------------|--|-----|------|--------|--------------|
| nominal size | | | 40 | | mm |
| impedance | at 1 kHz, 0.57 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency | at 0.57 V | 144 | 180 | 216 | Hz |
| sound pressure level | 0.1 W, 10 cm ave., at 0.8, 1, 1.2, 1.5 kHz | 96 | 99 | 102 | dB |
| response | 10 dB max. | Fo | | 20,000 | Hz |
| input power | | | 0.04 | 0.1 | W |
| operation | must be normal at program source | | 0.04 | | W |
| buzz, rattle, etc. | must be normal at sine wave | | 0.57 | | Vdc |
| magnet | size: 27 x 17 x 3 mm | | | | |
| load test | 24 hours of white noise at | | 0.04 | | W |
| heat test | 20 ~ 50% RH for 24 hours | 48 | 50 | 52 | $^{\circ}$ C |
| humidity test | 90 ~ 95% RH for 24 hours | 38 | 40 | 42 | $^{\circ}$ C |
| RoHS | yes | | | | |

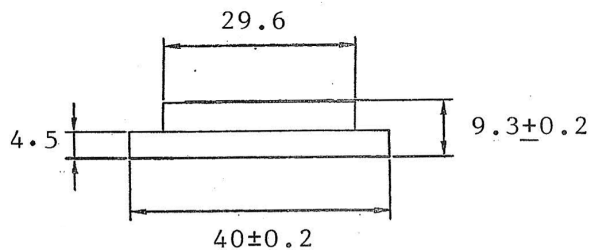
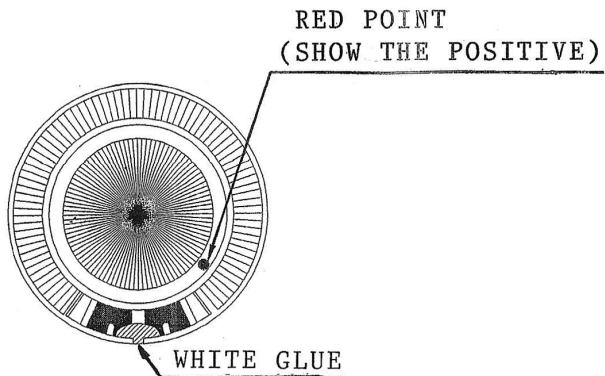
FREQUENCY RESPONSE CURVE

| 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
tolerance: ± 0.2 mm



REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 07/27/2006 |
| 1.01 | updated template, input power, SPL, frequency response curve, and mechanical drawing | 06/01/2012 |
| 1.02 | updated SPL and frequency response curve | 03/11/2013 |

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



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