



MODEL: GF0876 | **DESCRIPTION:** SPEAKER

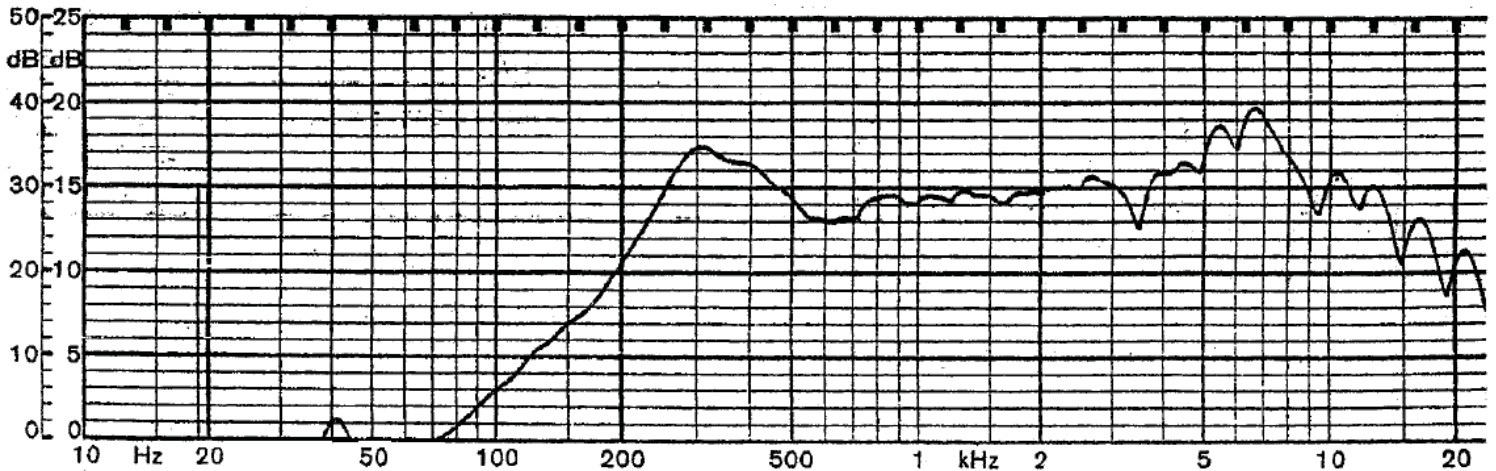


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|--|-----|-----|--------|--------------------|
| nominal size | | | 87 | | mm |
| impedance | at 0.8 kHz, 1 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency | at 1 V | 232 | 290 | 348 | Hz |
| sound pressure level | 1 W, 50 cm ave., at 1, 1.4, 1.7, 2 kHz | 96 | 99 | 102 | dB |
| response | 10 dB max. | Fo | | 18,000 | Hz |
| input power | | | 2 | 3 | W |
| operation | must be normal at program source | | 2 | | W |
| buzz, rattle, etc. | must be normal at sine wave | | 4 | | Vdc |
| magnet | size: 45 x 22 x 8 | | | | mm |
| operating temperature | | -25 | | 70 | $^{\circ}\text{C}$ |
| storage temperature | | -40 | | 80 | $^{\circ}\text{C}$ |
| load test | 24 hours of white noise | | 2 | | W |
| heat test | 20 ~ 50% RH for 24 hours | 68 | 70 | 72 | $^{\circ}\text{C}$ |
| humidity test | 90 ~ 95% RH for 24 hours | 38 | 40 | 42 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

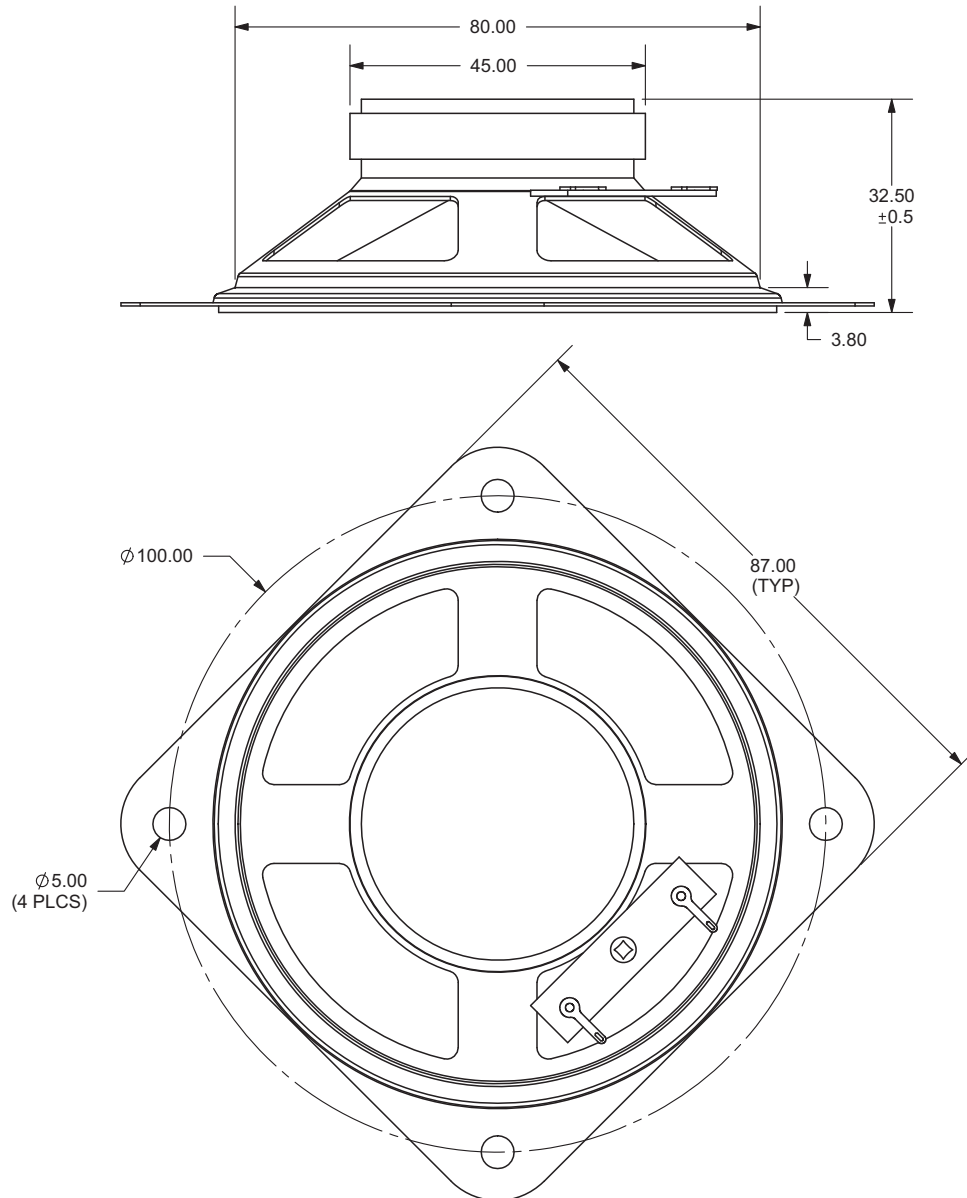
FREQUENCY RESPONSE CURVE

| parameter | conditions/description |
|-----------------------|------------------------|
| potentiometer range | 50 dB |
| rectifier | RMS |
| lower limit frequency | 20 Hz |
| wr. speed | 100 mm/sec |
| zero level | 70 dB |



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 09/18/2006 |
| 1.01 | applied new spec template, added operating & storage temperatures | 05/16/2013 |

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



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