

MODEL: GF1603B | **DESCRIPTION:** SPEAKER**FEATURES**

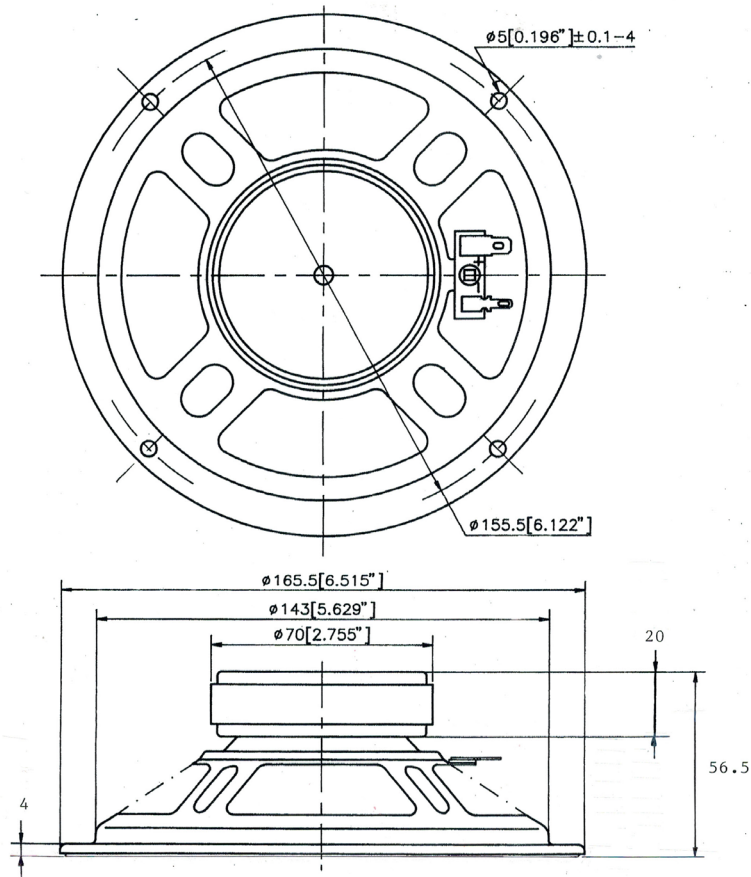
- 165.5 mm
- square frame
- 8.0 W
- 8 Ω
- ferrite magnet
- paper cone

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|-----|--------|--------------------|
| input power | | | 10 | 20 | W |
| impedance | at 0.3 kHz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 V | 88 | 110 | 132 | Hz |
| frequency response | | Fo | | 16,000 | Hz |
| sound pressure level | at 1.0 W, 50 cm, avg at 0.2, 0.3, 0.4, 0.5 kHz | 94 | 97 | 100 | dB |
| buzz, rattle, etc. | must be normal at sine wave | | | 8.9 | V |
| dimensions | $\varnothing 165.5 \times 56.5$ | | | | mm |
| magnet | ferrite | | | | |
| cone material | paper | | | | |
| terminal | solder eyelets | | | | |
| operating temperature | | -25 | | 70 | $^{\circ}\text{C}$ |
| hand soldering | for maximum 5 seconds | 400 | 420 | 440 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

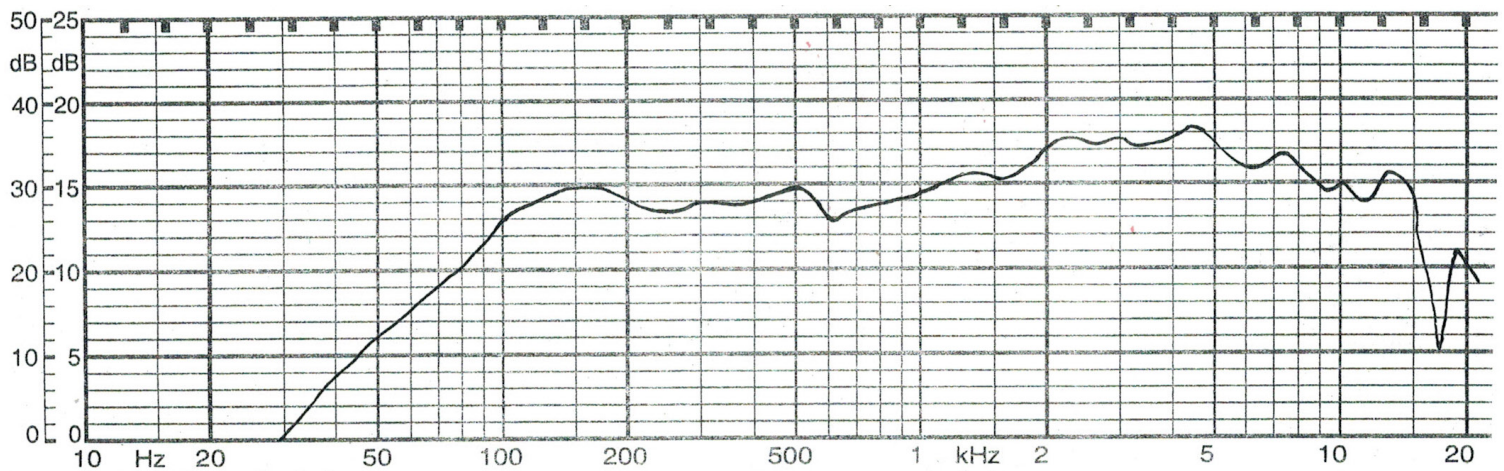
MECHANICAL DRAWING

units: mm
tolerance: ± 1.0 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 | 01/20/2003 |
| 1.01 | brand update | 03/09/2021 |
| 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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