



Part No: GF0501M

Date: 9/27/2006

Unit: mm

Description: speaker

Page No: 1 of 2

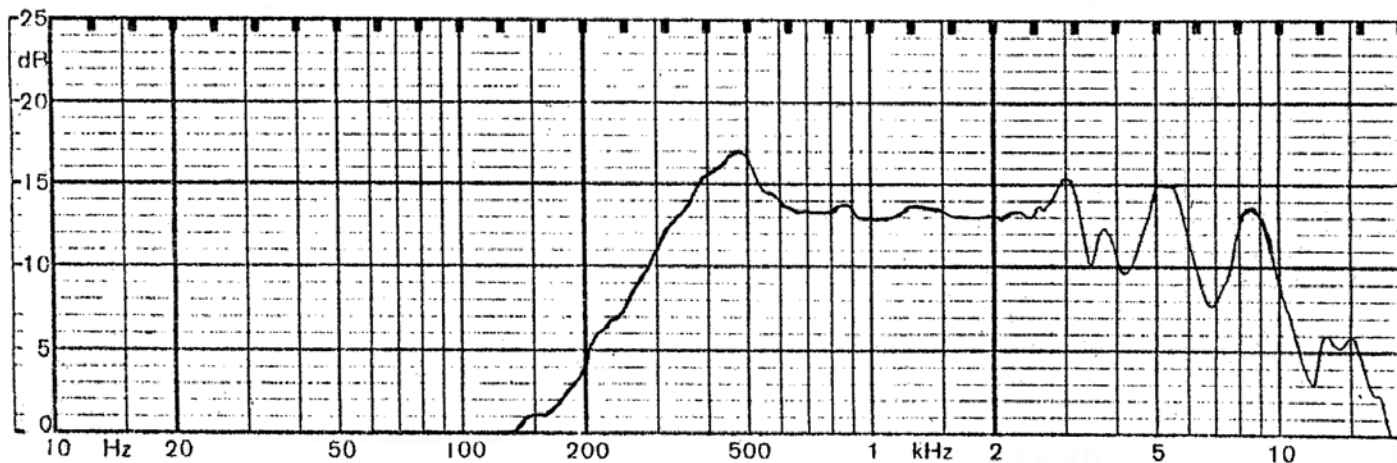


Specifications

| | | |
|----------------------|-----------------------------------------|------------------------------------------------|
| Nominal Size | 50 mm (2.00 in) | (See attached drawing) |
| Impedance | 8 Ohm \pm 15% | at 800 Hz 1 V |
| Resonant frequency | 440 Hz \pm 82 Hz | at 1 V |
| Sound pressure level | 86 dB/w \pm 3 dB | 0.25 w 50 cm ave. at 0.8K, 1.0K, 1.2K, 1.5K Hz |
| Response | Fo Hz ~ 5.8 K Hz max 10 dB | |
| Input power | Nominal 0.25 W | Handling capacity 0.5 W |
| Operation | must be normal at program source 0.25 W | |
| Buzz, rattle, etc. | must be normal at sine wave 1.41 V | |
| Magnet | Size: 32 x 18 x 6 mm | |
| Load test | White noise 0.25 W for | 5 hours |
| Heat test | 65 \pm 2° C | 20-50% R.H. 5 hours |
| Humidity test | 40 \pm 2° C | 90-95% R.H. 5 hours |

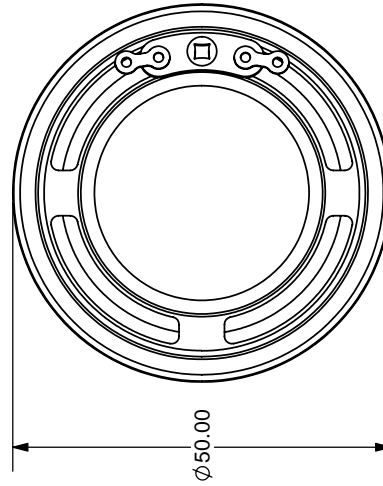
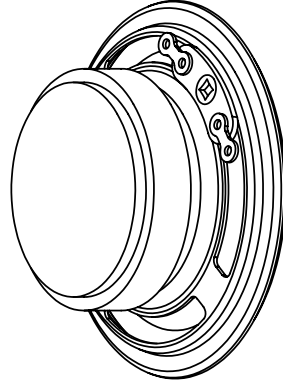
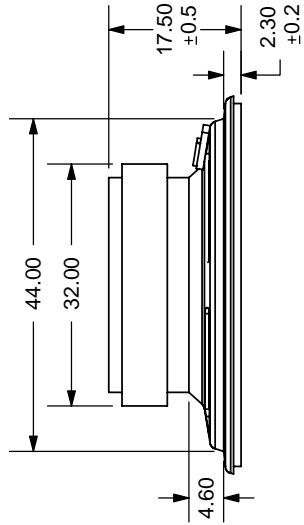
Frequency Response Curve

| | |
|-----------------------|------------|
| Potentiometer range | 50 dB |
| Rectifier | RMS |
| Lower limit frequency | 20 Hz |
| Wr. speed | 100 mm/sec |



Zero level 60 dB

| | | |
|------|-------------|----------|
| REV. | DESCRIPTION | DATE |
| A | NEW DRAWING | 8/8/2006 |



TOLERANCE:
±0.3mm UNLESS OTHERWISE
SPECIFIED



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| | | | |
|-----------|-----------------------------------------|--------------|-------------|
| TITLE: | Round frame mylar cone - ferrite magnet | REV: | A |
| PART NO: | GF0501M | UNITS: | MM [INCHES] |
| DRAWN BY: | ZRJ | APPROVED BY: | |
| | | SCALE: | 1:1 |