



Part No: GF0501M

Date: 9/27/2006

Unit: mm

Description: speaker

Page No: 1 of 2

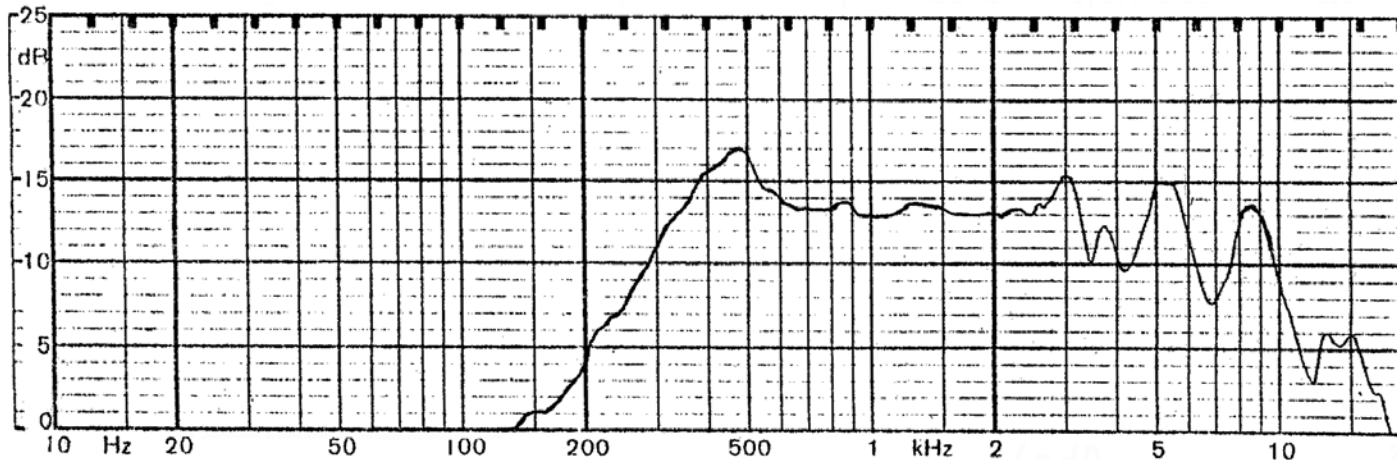


**Specifications**

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

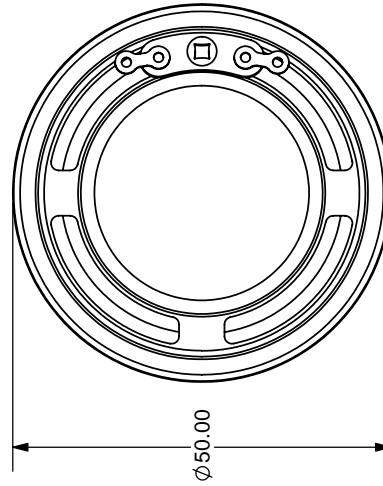
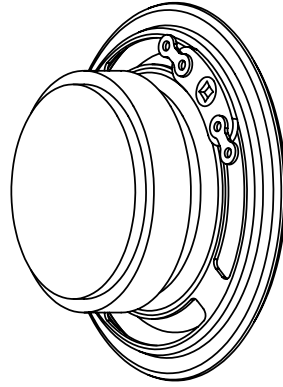
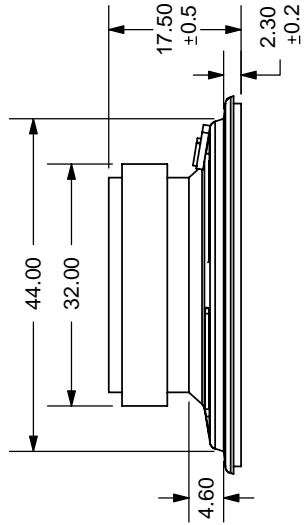
**Frequency Response Curve**

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