



Part No: GF0501

Date: 9/20/2006

Unit: mm

Description: speaker

Page No: 1 of 2

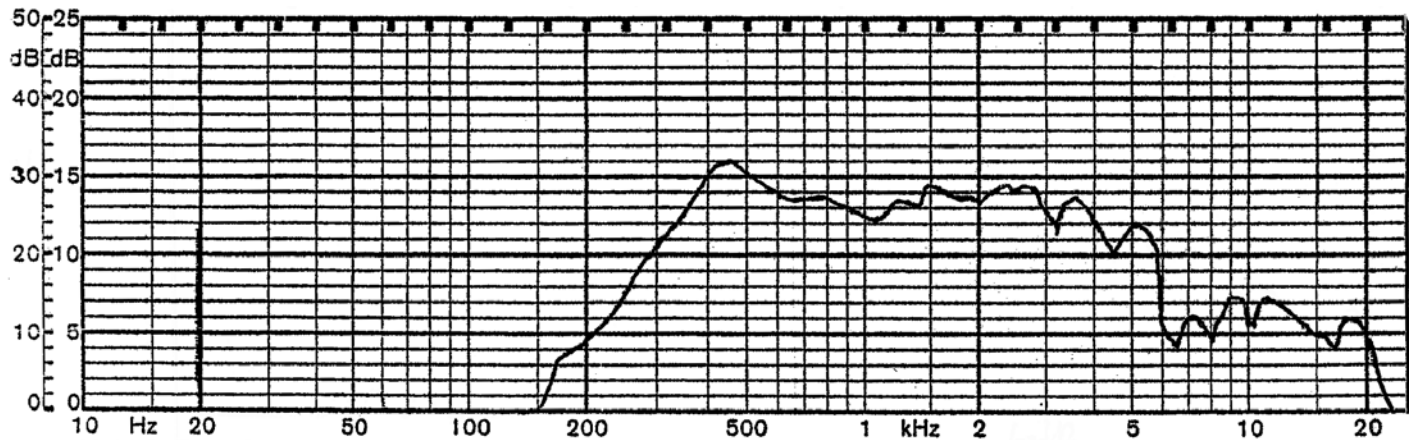


Specifications

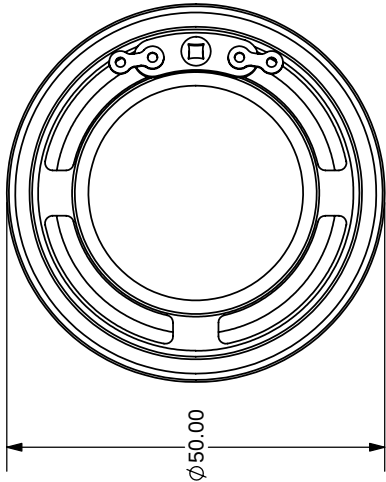
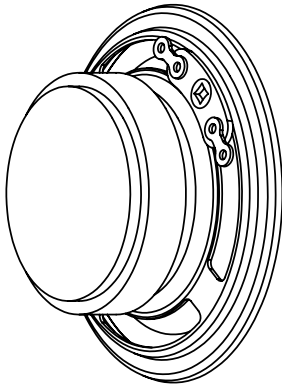
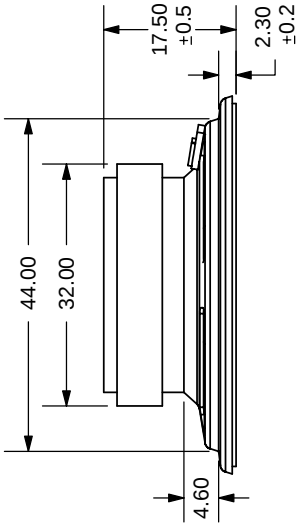
Nominal Size	50 mm (2.00 in)	(See attached drawing)
Impedance	8 Ohm $\pm$ 15%	at 800 Hz 1 V
Resonant frequency	450 Hz $\pm$ 90 Hz	at 1 V
Sound pressure level	87 dB/w $\pm$ 3 dB	0.25 w 50 cm ave. at 1.0K, 1.4K, 1.7K, 2.0K Hz
Response	Fo Hz ~ 5.9 KHz max 10 dB	
Input power	Nominal 0.25 W	Handling capacity 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 24 hours
Heat test	70 $\pm$ 2° C	20-50% R.H. 24 hours
Humidity test	40 $\pm$ 2° C	90-95% R.H. 24 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 paper cone - ferrite magnet	REV:	A
PART NO:	GF0501	UNITS:	MM [INCHES]
DRAWN BY:	ZRJ	APPROVED BY:	
		SCALE:	1:1

Mouser Electronics

Authorized Distributor

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