



Part No: CLS0381M-L152

Date: 7/03/2007

Unit: mm

Description: speaker

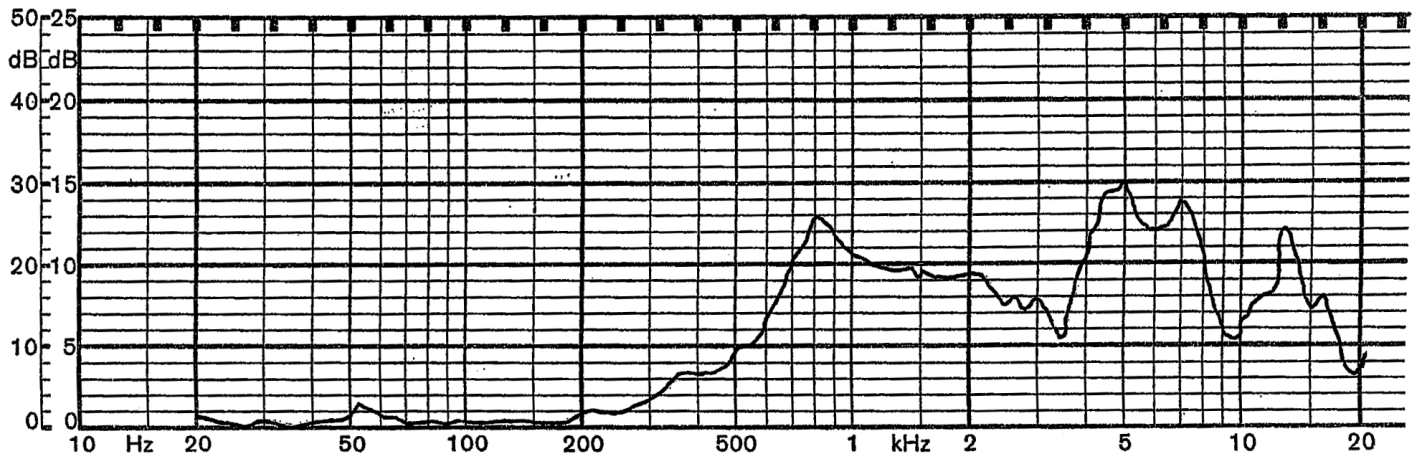
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### Specifications

Nominal Size	38 mm	1 ½ inch.
Impedance	8 Ohm ± 15%	at 0.8 KHz 1 V
Resonant frequency	800 Hz ± 160 Hz	at 1 V
Sound pressure level	80 dB/w ± 3 dB	0.2 w 50 cm ave. at 1K, 1.3K, 1.7K, 2K Hz
Response	Fo Hz ~ 3.4 KHz max 10 dB	
Input power	Nominal 0.2 W	Handling capacity 0.4 W
Operation	must be normal at program source 0.2 W	
Buzz, rattle, etc.	must be normal at sine wave 1.26 V	
Magnet	Size: 12.5 x 1.5 mm	
Load test	White noise 0.2 W	for 5 hours
Heat test	65 ± 2° C	20-50% R.H. 5 hours
Humidity test	40 ± 2° C	90-95% R.H. 5 hours

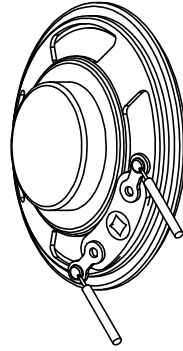
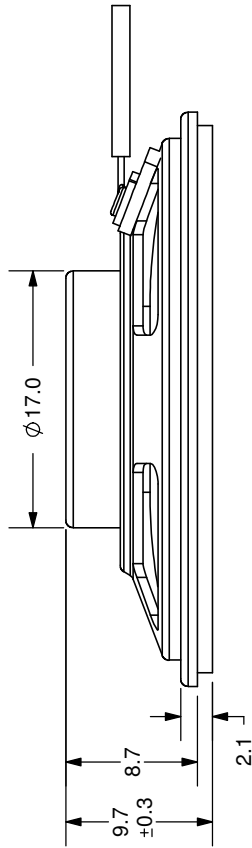
### Frequency Response Curve

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	7/3/2007



SCALE 1:1

SPECIFICATIONS:  
WIRE: UL1007, #28AWG  
LENGTH: 152mm

TOLERANCE:  
 $\pm 0.5\text{mm}$  UNLESS OTHERWISE SPECIFIED



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TITLE: LOW PROFILE SPEAKER REV: A

PART NO: CLS0381M-L152 UNITS: MM [INCHES]

DRAWN BY: ZRJ APPROVED BY: SCALE: 2:1

