

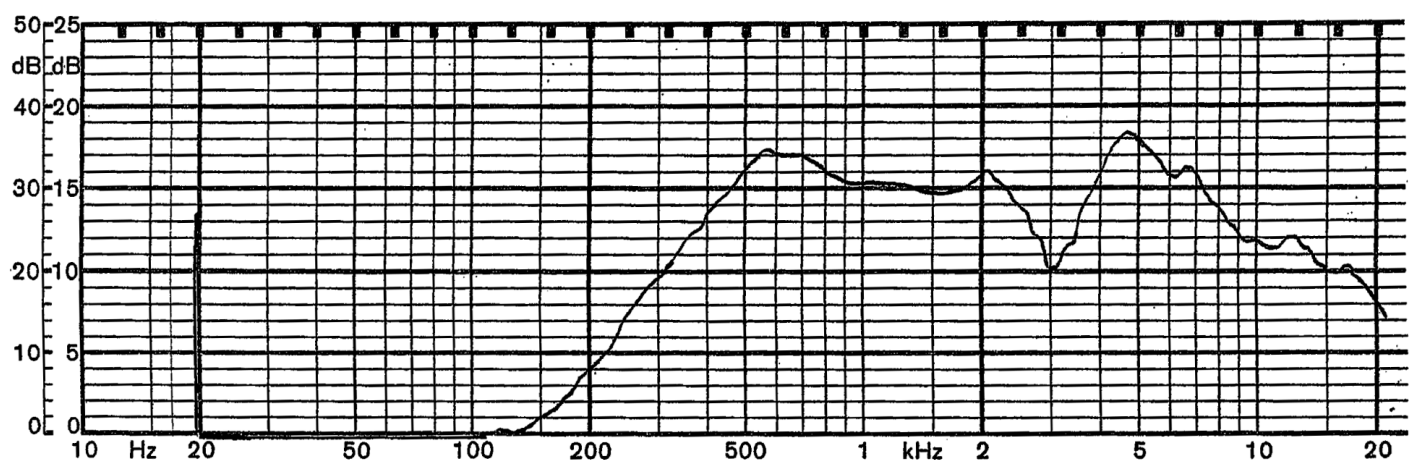
**Part No: CLS0501M-L152****Date: 7/03/2007****Unit: mm****Description: speaker****Page No: 1 of 2**

Specifications

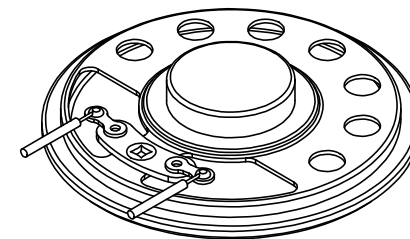
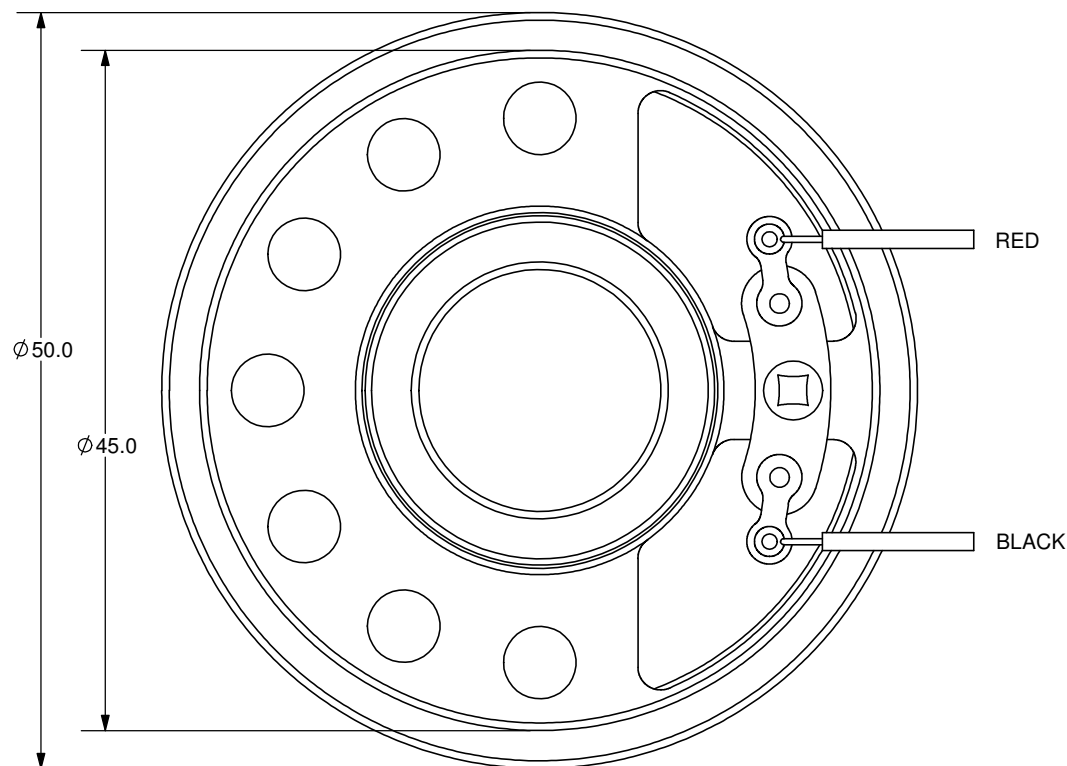
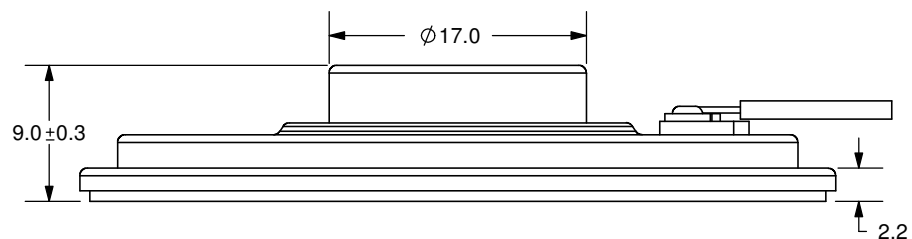
Nominal Size	50 mm	2 inch.	
Impedance	8 Ohm $\pm$ 15%	at	0.8 KHz 1 V
Resonant frequency	550 Hz $\pm$ 110 Hz	at	1 V
Sound pressure level	80 dB/w $\pm$ 3 dB	0.2 w 50 cm ave at	0.9K, 1.2K, 1.5K, 1.8KHz
Response	Fo Hz ~ 13 KHz max 10 dB		
Input power	Nominal	0.2 W	Handling capacity 0.5 W
Operation	must be 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	70 $\pm$ 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 50 dB

REV.	DESCRIPTION	DATE
A	NEW DRAWING	7/3/2007



SCALE 1:1

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

TOLERANCE:
±0.5mm UNLESS OTHERWISE
SPECIFIED

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TITLE: LOW PROFILE SPEAKER		REV: A
PART NO. CLS0501M-L152	UNITS: MM [INCHES]	
DRAWN BY: ZRJ	APPROVED BY:	SCALE: 2:1

Mouser Electronics

Authorized Distributor

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