



**Part No: CLS0281MP**

**Date: 7/03/2007**

**Description: speaker**

**Unit: mm**

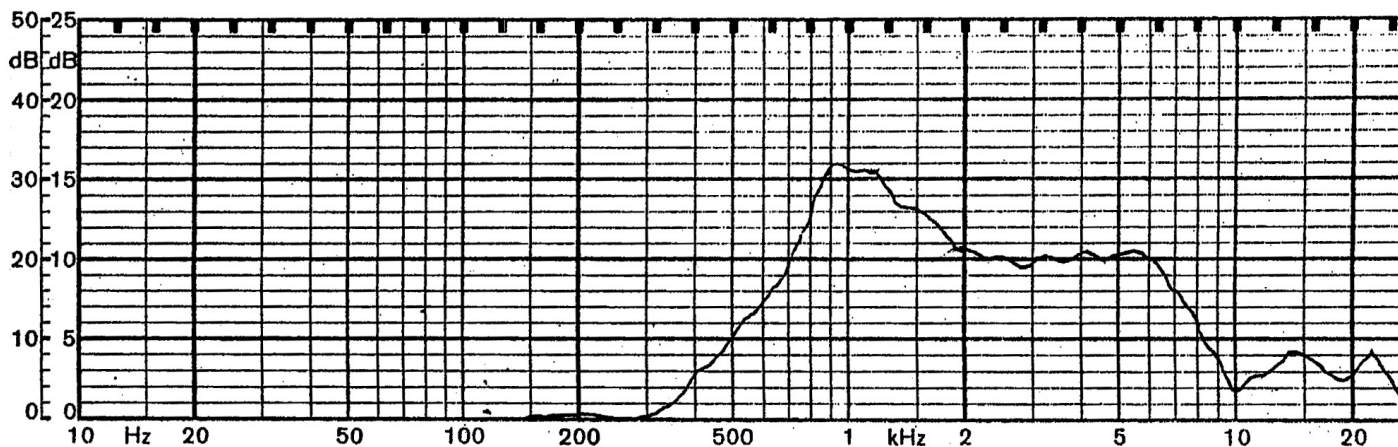
**Page No: 1 of 2**

**Specifications**

Nominal Size	28 mm		
Impedance	8 Ohm $\pm$ 15%	at	1.5 KHz 1 V
Resonant frequency	850 Hz $\pm$ 150 Hz	at	1 V
Sound pressure level	82 dB/w $\pm$ 3 dB	0.2 w 50 cm ave. at 1.2K, 1.5K, 2K, 2.5K Hz	
Response	Fo Hz ~ 6 KHz max 10 dB		
Input power	Nominal 0.2 W	Handling capacity	0.3 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: 9.5 x 1.5 mm		
Load test	White noise 0.2 W	for	5 hours
Heat test	65 $\pm$ 2 $^{\circ}$ C	20-50% R.H.	5 hours
Humidity test	40 $\pm$ 2 $^{\circ}$ C	90-95% R.H.	5 hours

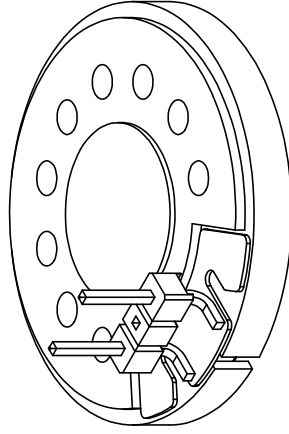
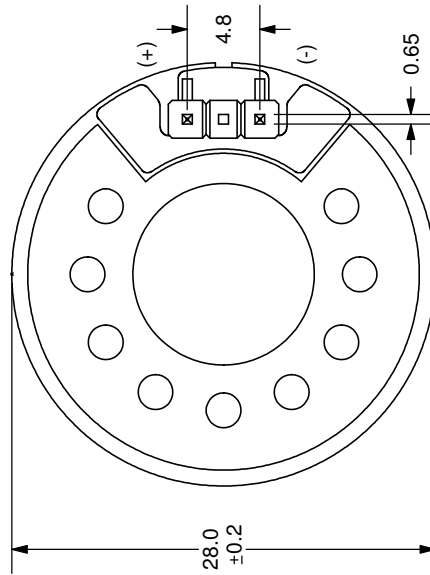
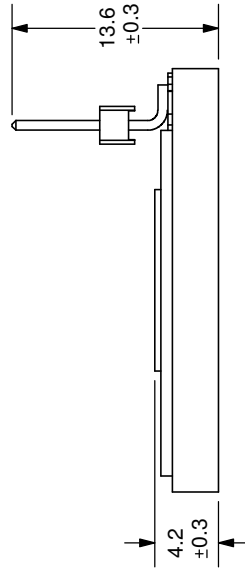
**Frequency Response Curve**

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



TOLERANCE:  
±0.5mm UNLESS OTHERWISE  
SPECIFIED



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TITLE: LOW PROFILE SPEAKER	REV: A
PART NO: CLS0281MP	UNITS: MM [INCHES]
DRAWN BY: ZRJ	APPROVED BY:
	SCALE: 2:1