

# Magnetic Transducer

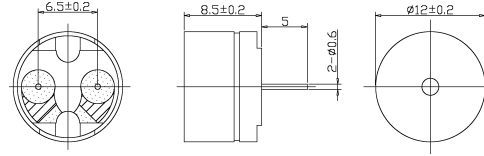
## MD12085



### DIMENSIONS

UNIT:mm

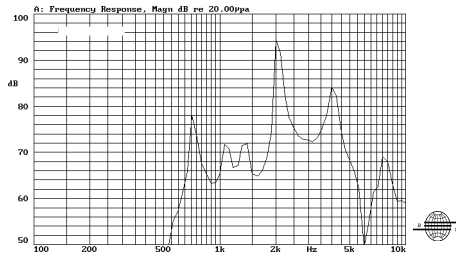
Tolerance:  $\pm 0.5\text{mm}$



### SPECIFICATIONS

Type	Unit	MD12085-16R	MD12085-42R	MD12085-50R
Rated Voltage	V	1.5	1.5	1.5
Operating Voltage	V	1~3	1~3	1~3
*Rated Current(MAX)	mA	30	15	12
*Min Sound Output at 10 cm	dB	85	85	80
Coil Resistance	$\Omega$	16 $\pm$ 4	42 $\pm$ 6	50 $\pm$ 7.5
*Resonant Frequency	Hz	2048		
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +70		
Storage Temperature	$^{\circ}\text{C}$	-30 ~ +80		
Housing Material		NORYL		
Weight	g	2		

### FREQUENCY RESPONSE



\*Value Applying at Rated Voltage(resonant frequency, 1/2 duty, square wave)