

A. SCOPE

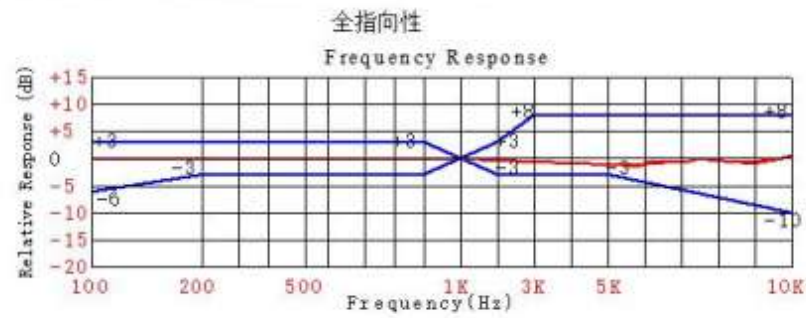
This specification applies electret condenser microphone, GMI6022-2C66DB

B. SPECIFICATION

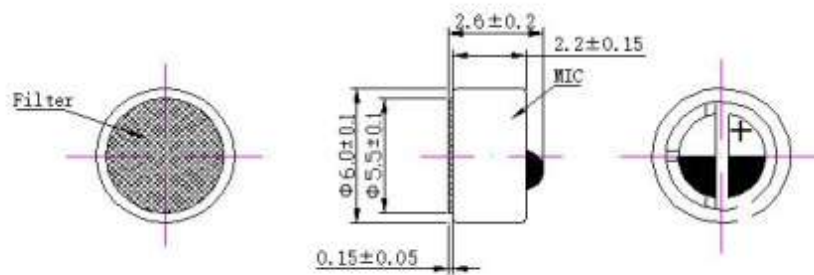
■ Test condition: $R_L=2.2K\Omega$ $V_S=2.0V$ $TEMP=20^{\circ}C\pm 2^{\circ}C$ Related humidity= $65\pm 5\%$

No.	Item	Symbol	Unit	Specification	Condition
1	Directivity			Omnidirectional	
2	Sensitivity	S	dB	-66 ± 3	f=1KHz, 1Pa 0dB=1V/Pa
3	Standard operating voltage	V_s	V	2.0	
4	Output impedance	Z_{out}	$K\Omega$	≤ 2.2	f=1KHz, 1Pa
5	Frequency		Hz	100-10,000	
6	Max operating voltage		V	10	
7	Sensitivity reduction	$\Delta S \cdot V_s$	dB	-3	f=1KHz, 1Pa $V_s=1.5VDC$ to 3VDC
8	Max. current consumption	I_{oss}	mA	≤ 0.5	
9	Signal to noise ration	S/N	dB	≥ 58	f=1KHz, P in=1Pa
10	Max input sound level	SPL	dB	110	
11	Operation temp.		$^{\circ}C$	-30 ~ +70	
12	Storage temp.		$^{\circ}C$	-40 ~ +85	
13	Dimension		mm	$\varnothing 6.0 \times H2.2$	See appearance drawing
14	Terminal			Terminal	See appearance drawing

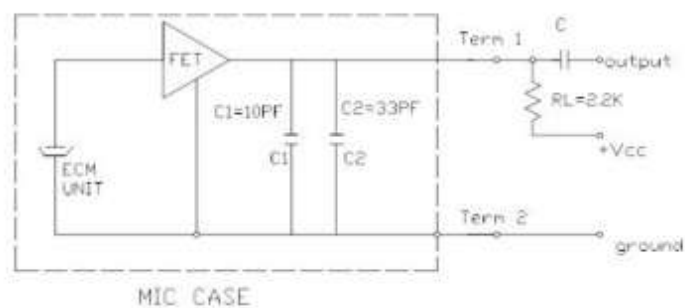
C. TYPICAL FREQUENCY RESPONSE CURVE



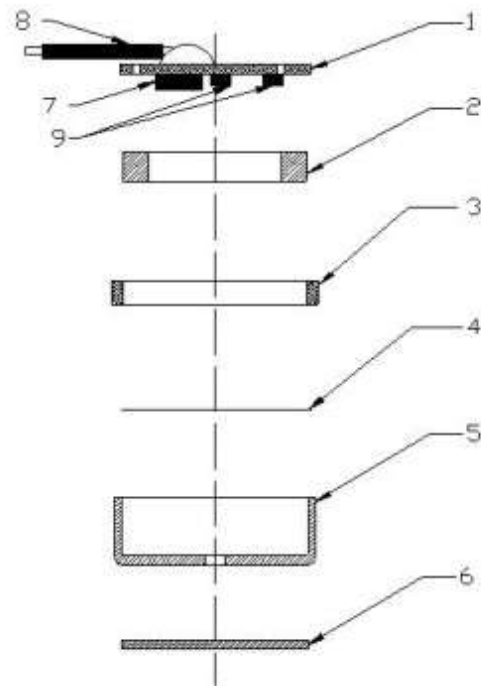
D. APPEARANCE DRAWING



E. MEASUREMENT CIRCUIT



F. Explode Drawing



NO.	PARTS
1	PCB
2	Film(FEP)
3	Holder
4	Spacer
5	Outer most shell(Al)
6	Protection fleece
7	FET
8	Electronic line
9	Capacitance