

A. SCOPE

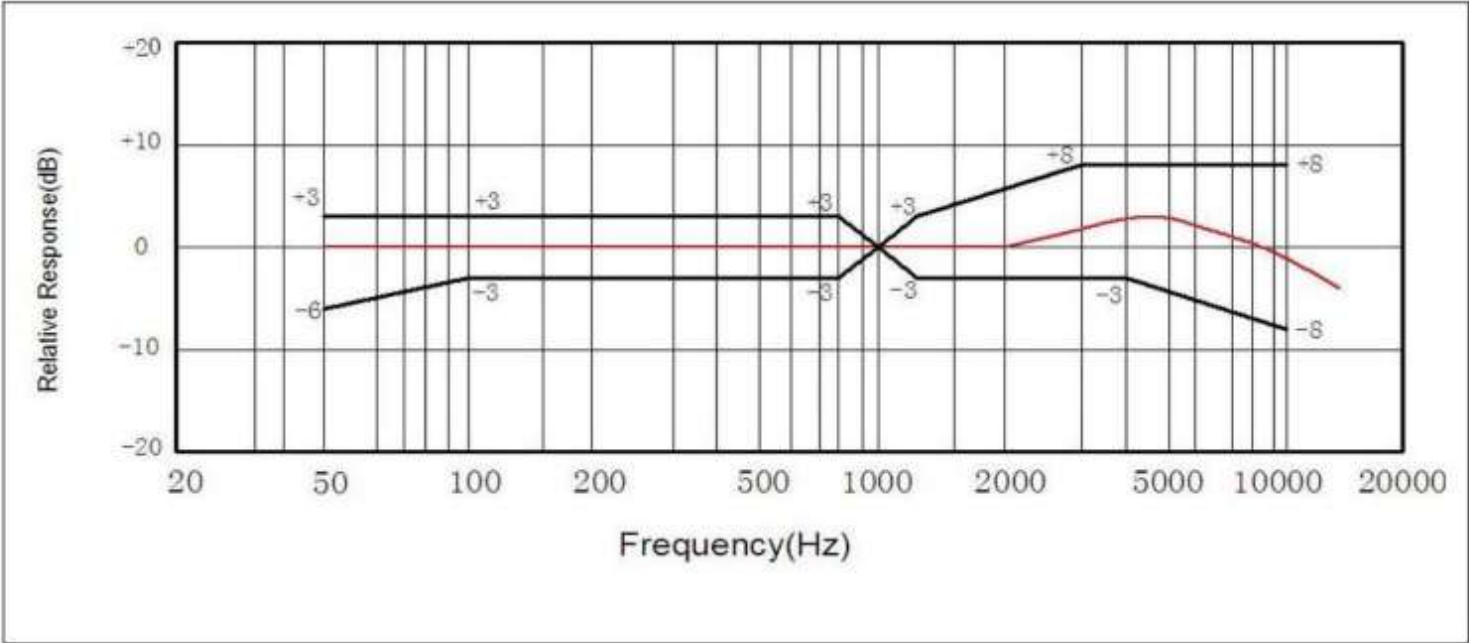
This specification applies aoscar coseinear microphone. (CONDENSER MICROPHONE)

B. SPECIFICATION

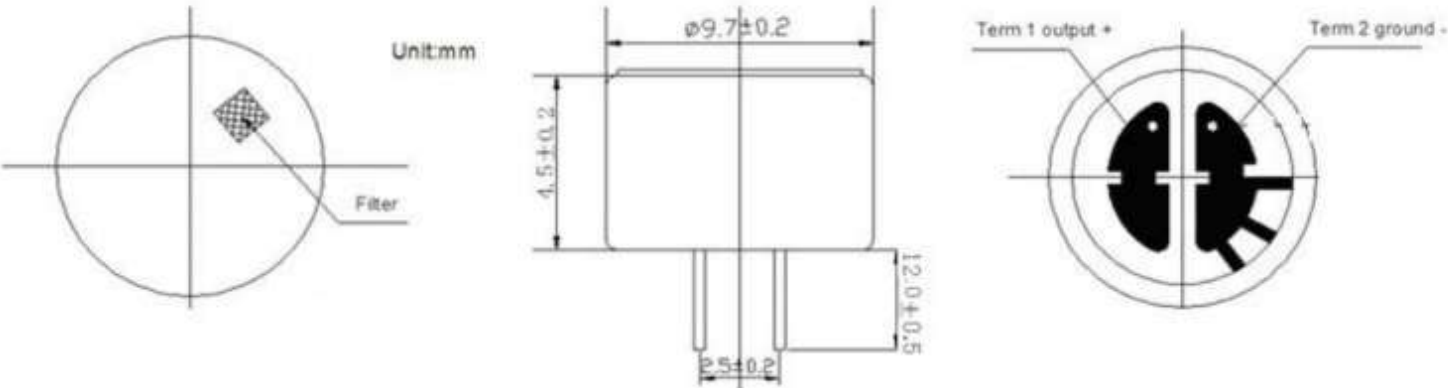
■ Test condition : $R_L=2.2K\Omega$ $V_{cc}=4.5V$ $TEMP=23^{\circ}C\pm 2^{\circ}C$ Related humidity= $65\pm 5\%$.

No.	Item	Symbol	Unit	Specification	Condition
1	Directivity			Omnidirectional	
2	Sensitivity	S	dB	$-20\pm 3dB$	$f=1KHz$, Pin $0dB=1V/Pa$
3	Standard operating voltage	V_s	V	4.5	
4	Output impedance	Z_{out}	$K\Omega$	<2.2	$f=1KHz$, 1Pa
5	Frequency		Hz	100-10000	
6	Max operating voltage		V.	10	
7	Sensitivity reduction	$\Delta S-V_s$	dB	-3	$f=1KHz$, 1Pa $v_s=4.5VDC$ to 3.0VDC
8	Max. current consumption	I_{smax}	mA	<0.5	
9	Signal to noise ration	S/N	dba	>58	
10	Max. Sound Pressure Level	S.P.L.	dB	110	
11	Operation temp.		$^{\circ}C$	$-20\sim +70$	
12	Storage temp.		$^{\circ}C$	$-40\sim +85$	
13	Dimension		mm	$\phi 9.7\times 6.5$	See appearance drawing
14	Terminal			Terminal	See appearance drawing

B. TYPICAL FREQUENCY RESPONSE CURVE



D. APPEARANCE DRAWING



E. MEASUREMENT CIRCUIT