

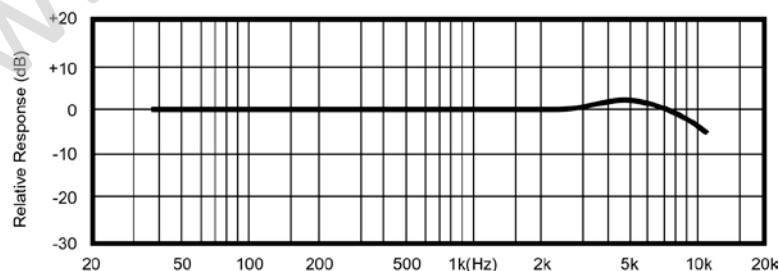


ECM Specification / 规格书

Model / 型号	AO45F (Omni-directional Front Electret Condenser Microphone 动箔式全向性电容咪)		
Dimension / 尺寸	Diameter 直径: 9.7mm ± 0.1	Height 高度: 4.5mm ± 0.1	
Sensitivity / 灵敏 (0dB=1V/Pa, 1k Hz)	Part No. / 零件号	Schematic / 概要	
	Lead Wire Type / 焊接型		
-30 ± 2dB	AO45F-V3S30C2		
		RL: 2.2K ohm, DC: 3.0V	C1/C2: 10/33pf

No	Item / 项目	Specification 规格
1	Sensitivity / 灵敏度	See the above table (0dB=1V/Pa, 1k Hz)
2	Impedance / 阻抗	2.2K ohms
3	Directivity / 方向性	Omni-directional 全向性
4	Frequency / 频率	50-12000 Hz
5	Standard operation voltage / 电压	3.0V DC
6	Max. Operation voltage / 最大电压	10V DC
7	Current consumption / 消耗电流	Max. 0.5mA
8	Sensitivity reduction / 灵敏度衰减特性	Within -1dB at 1.5V
9	S/N ratio / 信噪比	More than 60dB
10	Comply with / 遵守	RoHS

Typical Frequency Response Curve / 曲线图



Dimensional Drawing / 外观图: Unit-mm / 单位-毫米 	Mic Cushion				
	Pin / 插针	L			
	Lead wire 线长	A		L	
		B		L	
	Terminal / 端子				
Housing / 插头					