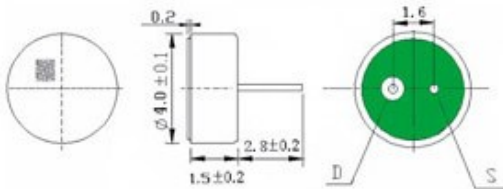


Electret microphone 4015p

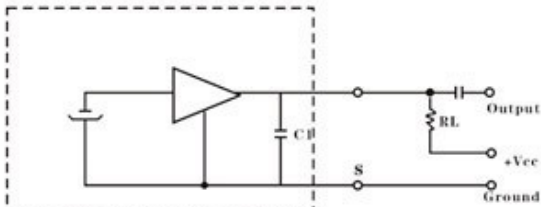


Electret microphone is a type of condenser microphone.
 Operating voltage: 3Vdc
 Operating voltage range:1.5V-10Vdc
 Sensitivity:-48dB~+66dB
 Operating Current:500uA(MAX)
 Diameter size:4mm x 1.5mm
 (contains 2 pins)
 directivity:Omnidirectional condenser microphone

尺寸简图 Dimensions Drawing(Unit : mm)

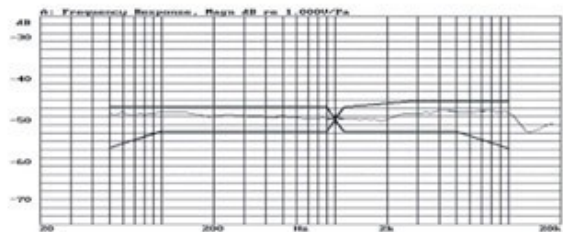


测试 (工作) 电路图 Schematic Diagram



C=1uF R1=2.2KΩ Vcc=4.5V (可根据客户需求内置一个或两个电容C1,C2.C1=33PF,C2=10PF)

典型频响曲线 Typical Frequency Response Curve



技术参数 Specifications

Dimensions	(尺寸)	4.0x1.5mm
Sensitivity (0dB=1v/Pa 1000Hz)	(灵敏度)	-48---66dB
Frequency range	(频响范围)	50---20KHz
Directivity	(方向特性)	全指向
Impedance	(阻抗)	低阻抗
Current consumption	(电流消耗)	最大500uA
Standard operation voltage	(标准工作电压)	3V
Operation voltage range	(工作电压范围)	1.5---10V
S/N ratio	(信噪比)	大于56dB
Sensitivity reduction	(灵敏度变化)	电压变化1.5V灵敏度变化小于3dB