

Omni-Directional Electret Condenser Microphone

BCM9767 BCM9767P

Useful for tape recorders, toys, telephones, and almost any other applications

Specifications:

1. Sensitivity: see below
2. Impedance: Less than 2.2kohm
3. Directivity: omnidirectional
4. Frequency: 20 - 16,000Hz
5. Max. operation voltage: 10V
6. Current consumption: 0.5mA (max.)
7. Sensitivity reduction: within -3dB ($V_s=1.5\text{V}$)
8. S/N ratio: more than 60dB

Notes:

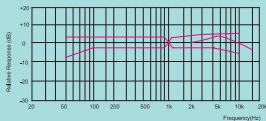
1. Test Condition $V_s=3.0\text{V}$ $R_L=2.2\text{K}\Omega$

Sensitivity (1KHz): $0\text{dB}=1\text{v/Pa}$, $-44 \pm 2, -42 \pm 2, -40 \pm 2, -38 \pm 2, -36 \pm 2$

2. Test Condition $V_s=1.5\text{V}$ $R_L=2\text{Kohm}$

Sensitivity(1KHz): $0\text{dB}=1\text{V/Pa}$, $-36 \pm 2, -38 \pm 2, -40 \pm 2$

Frequency Resonse Curve



Drawing

