

Omnidirectional Back Electret Condenser Microphone Cartridge

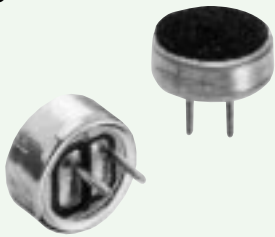
WM-64PC (pin type)

- Provides special lead pins which allow for a direct connection to the PCB
- Very small and thin omnidirectional microphone for products with limited space
- Back electret design for high resistance to vibration
- RF-noise resistant through better shielding

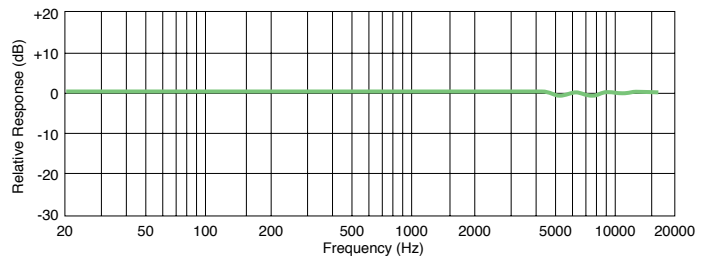
■ WM-64PC (33pF) - GSM, PDC, etc.

Appearance

WM-64PC



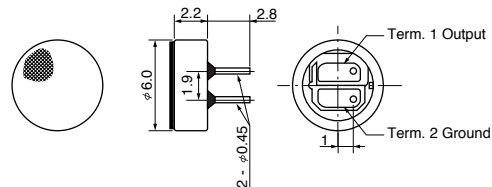
Typical Frequency Response Curve



Dimensional Drawing

Unit: mm

WM-64PC



Sensitivity

$$\begin{matrix} V_s = 2.0V \\ R_L = 2.2k\Omega \end{matrix}$$

WM-64PC

$-45 \pm 4\text{dB}$

$\left(\begin{matrix} X: -46 \pm 3\text{dB} \\ T: -44 \pm 3\text{dB} \end{matrix} \right)$

Specifications WM-64PC

Sensitivity:	$-45 \pm 4\text{dB}$ (0dB=1V/Pa, 1kHz)
Impedance:	Less than 2.2k Ω
Directivity:	Omnidirectional
Frequency:	20-16,000Hz
Max. operation voltage:	10V
Standard operation voltage:	2V
Current consumption :	Max. 0.5mA
Sensitivity reduction:	Within -3dB at 1.5V
S/N ratio:	More than 58dB