

## Omnidirectional Electret Condenser Microphone Cartridge

Series: **WM-52B/54B** (pin type)



### ■ Features

- High-cost performance, electret condenser microphone cartridge
- WM-52B series are low-voltage, 1.5V operation microphones and suitable for all telephone applications, intercoms, and computers.
- WM-54B series are low-voltage 2.5V operation microphones and suitable for tape recorders, telephone devices, and toys

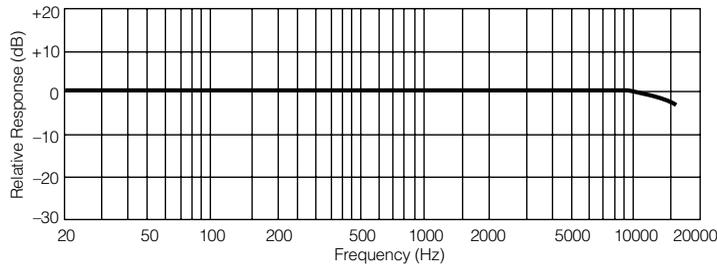
### ■ Sensitivity

WM-52B		WM-54B	
$V_s = 1.5V$ $RL = 3.0k\Omega$	T	-44±3dB	X
	Y	-42±3dB	T
	U	-40±3dB	Y
	M	-44±2dB	U
	H	-42±2dB	M
	P	-40±2dB	H
		$V_s = 2.5V$ $RL = 2.2k\Omega$	

### ■ Specifications

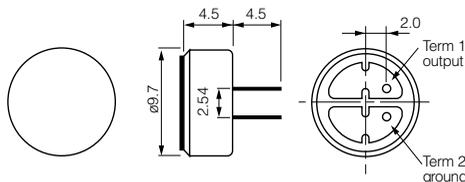
Sensitivity	See next page (0dB = 1V/pA, 1kHz)
Impedance	Less than 3.0kΩ [2.2kΩ]
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	1.5V [2.5V]
Current consumption	Max. 0.3mA [0.6mA]
Sensitivity reduction	Within -3 dB at 1.1V [2V]
S/N ratio	More than 60dB

### ■ Typical Frequency Response Curve



### ■ Dimensions in mm (not to scale)

WM-52B



WM-54B

