

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

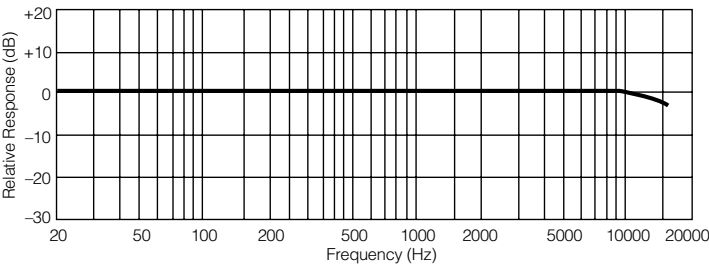
■ Sensitivity

WM-52B		WM-54B	
Vs = 1.5V RL = 3.0kΩ	T	Vs = 2.5V RL = 2.2kΩ	X
	Y		T
	U		Y
	M		U
	H		M
	P		H
	−44±3dB		−46±3dB
	−42±3dB		−44±3dB
	−40±3dB		−42±3dB
	−44±2dB		−40±3dB
	−42±2dB		−44±2dB
	−40±2dB		−42±2dB

■ Specifications

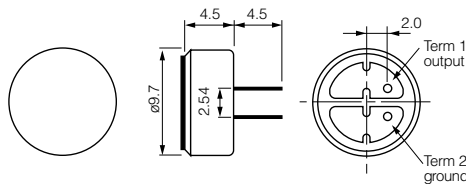
Sensitivity	See next page (0dB = 1V/pA, 1kHz)
Impedance	Less than 3.0kΩ [2.2kΩ]
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	1.5V [2.5V]
Current consumption	Max. 0.3mA [0.6mA]
Sensitivity reduction	Within −3 dB at 1.1V [2V]
S/N ratio	More than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

■ Typical Frequency Response Curve



■ Dimensions in mm (not to scale)

WM-52B



WM-54B

