

## Omnidirectional Electret Condenser Microphone Cartridge

Series: **WM-034B/034DB** (pin type)  
**WM-034C/034D**



### ■ Features

- Useful for almost any type telephone and other applications
- Low operation voltage of 1.0V to 10V (2M-034D type)
- Microphone with pins for PCB (WM-034B/034DB type)

### ■ Sensitivity

WM-034B/034C

Vs = 4.5V RL = 2.2kΩ	X	-46±3dB
	Y	-42±3dB
	Z	-38±3dB

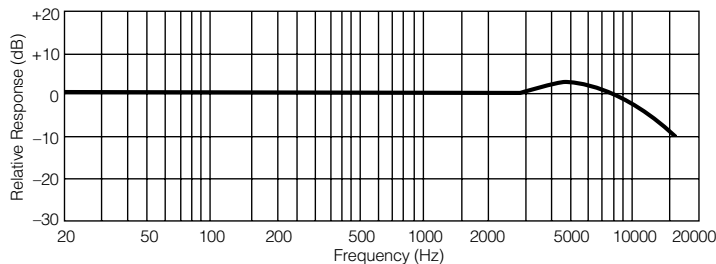
WM-034DB/034D

Vs = 1.5V RL = 1.5kΩ	M	-44±2dB
	H	-42±2dB
	P	-40±2dB
	R	-38±2dB
	U	-36±2dB

### ■ Specifications

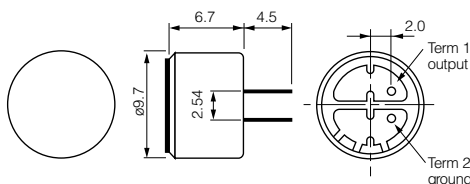
Sensitivity	See next page (0dB = 1V/pA, 1kHz)
Impedance	Less than 2.2k Ω [1.5k Ω]
Directivity	Omnidirectional
Frequency	20-16,000 Hz
Max. operation voltage	10V
Standard operation voltage	4.5V [1.5V]
Current consumption	Max. 0.8mA [0.3mA]
Sensitivity reduction	Within -3dB at 3V [(M.H.): Within -3dB at 1V] [(P.R.U.): Within -2dB at 1V]
S/N ratio	More than 60dB

### ■ Typical Frequency Response Curve



### ■ Dimensions in mm (not to scale)

WM-034B/034DB



WM-34C/034D

