

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

$V_S = 4.5V$	X	$-46 \pm 3dB$
$RL = 2.2k\Omega$	Y	$-42 \pm 3dB$
	Z	$-38 \pm 3dB$

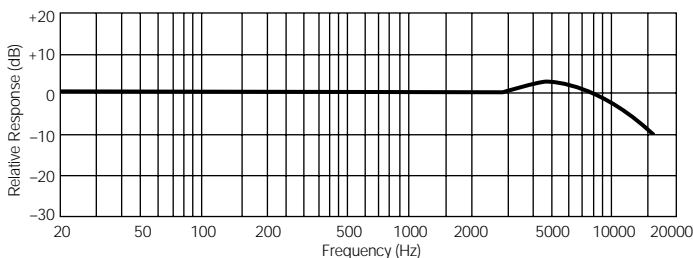
WM-034DB/034D

$V_S = 1.5V$	M	$-44 \pm 2dB$
$RL = 1.5k\Omega$	H	$-42 \pm 2dB$
	P	$-40 \pm 2dB$
	R	$-38 \pm 2dB$
	U	$-36 \pm 2dB$

■ 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

