

# Panasonic

## Microphone Cartridges

### 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

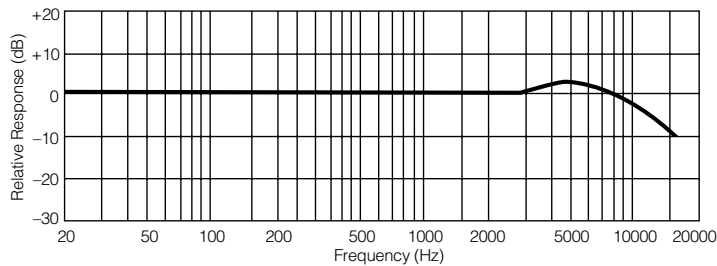
Vs = 1.5V  
 RL = 1.5kΩ

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

