

## Omnidirectional Back Electret Condenser Microphone Cartridge

Series: **WM-64PN**

(pin type)



### ■ Features

- Provides special lead pins which realize connector connection or direct-in to PCB
- Very small, thin type omnidirectional microphone
- Most suited to products having limited space
- Back electret type designed for high resistance to vibrations
- Better shielded, RF noise-resistant type

### ■ Recommended Applications

- WM-64PN (33pF, 10pF)—Dual Band

### ■ Sensitivity

$V_s = 2.0V$   
 $R_L = 2.2k\Omega$

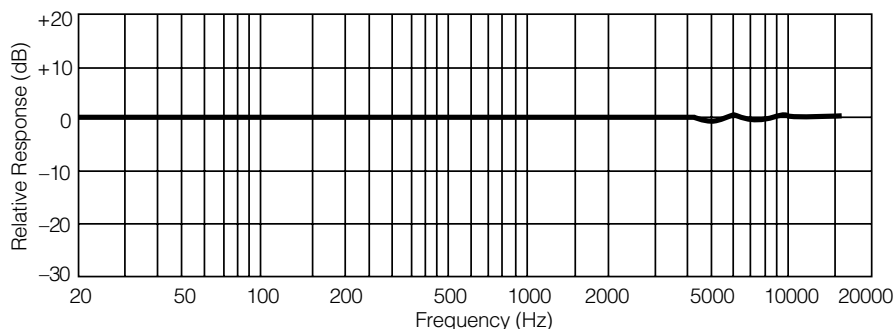
WM-64PN

$-45 \pm 4dB$   
(X:  $-46 \pm 3dB$ )  
(T:  $-44 \pm 3dB$ )

### ■ Specifications

Sensitivity	$-45 \pm 4dB$ (0dB = 1V/Pa, 1kHz)
Impedance	Less than 2.2 k $\Omega$
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	2V
Current consumption	Max. 0.5 mA
Sensitivity reduction	Within $-3$ dB at 1.5V
S/N ratio	More than 58 dB

### ■ Typical Frequency Response Curve



### ■ Dimensions in mm (not to scale)

WM-64PN

