

Omnidirectional Back Electret Condenser Microphone Cartridge

Series: **WM-64A/64C/64K**
WM-64BC/64BK (pin type)



■ Features

- 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-64C (33 pF) — GSM, PDC, etc.
- WM-64K (10 pF) — DEC T, PHS, PCN, PCS, etc.
- WM-64BC (33 pF)—GSM, PD C, etc. (pin type)
- WM-64BK (10 pF)—DEC T, PHS, PCN, PCS, etc. (pin type)
- WM-64A without capacitor

■ Sensitivity

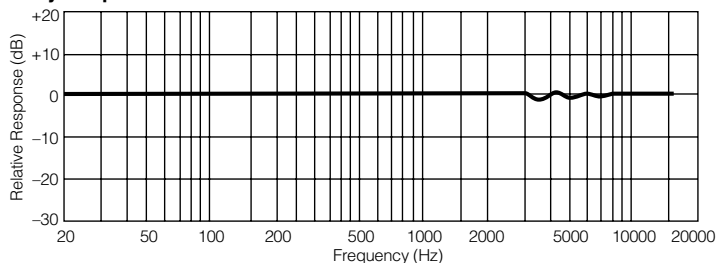
$V_s = 2.0V$
 $RL = 2.2k\Omega$

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

■ Specifications

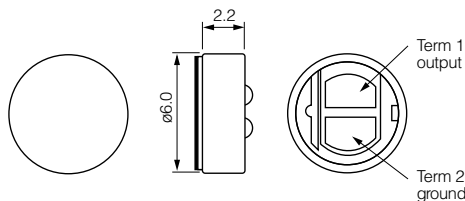
Sensitivity	$-45 \pm 4dB$ (0dB = 1V/Pa, 1kHz)
Impedance	Less than 2.2 k Ω
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	2V
Current consumption	Max. 0.5 mA
Sensitivity reduction	Within -3 dB at 1.5V
S/N ratio	More than 58 dB

■ Typical Frequency Response Curve



■ Dimensions in mm (not to scale)

WM-64A/64C/64K



WM-64BC/64BK

