

Omnidirectional Back Electret Condenser Microphone Cartridge



Series: **WM-62PC/62PK** (pin type)
WM-64PC/64PK (pin type)
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-62PC/64PC (33 pF)—GSM, PDC, etc.
- WM-62PK/64PK (10 pF)—DECT, PHS, PCN, PCS, etc.
- WM-64PN (33pF,10pF)—Dual Band

■ Sensitivity

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

WM-62PC/62PK

$-45 \pm 4dB$
 (X: $-46 \pm 3dB$)
 (T: $-44 \pm 3dB$)
 (U: $-40 \pm 3dB$)

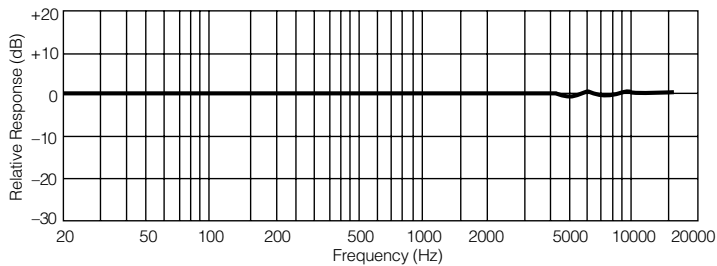
WM-64PC/64PK/64PN

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

■ Specifications

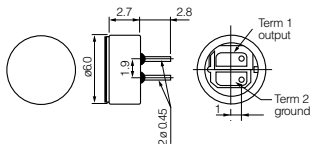
Sensitivity	$-45 \pm 4dB$ (0dB = 1V/Pa, 1kHz)
Impedance	Less than 2.2 k Ω
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	2V
Current consumption	Max. 0.5 mA
Sensitivity reduction	Within -3 dB at 1.5V
S/N ratio	More than 58 dB

■ Typical Frequency Response Curve

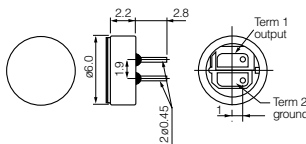


■ Dimensions in mm (not to scale)

WM-62PC/62PK



WM-64PC/64PK



WM-64PN

