

Omnidirectional Back Electret Condenser Microphone Cartridge

Series: **WM-62A/62C/62CC/62K**
WM-62B (pin type)



■ Features

- Very small, omnidirectional microphone
- Most suited to products having limited space
- Back electret type designed for high resistance to vibrations
- Microphone with pins for flexible PCB (WM-62B type)
- Better shielded type (WM-62B, C, CC, K)

■ Recommended Applications

- WM-62CC (33pF)—GSM, PDC, etc.
- WM-62K (10pF)—DECT, PHS, PCN, PCS, etc.
- WM-62A/62B/62C without capacitor
- WM-62CC (33pF)—GSM, PDC
- WM-62K (10pF)—DECT, PHS, PCN, PCS
- WM-62A/62B/62C

■ Sensitivity

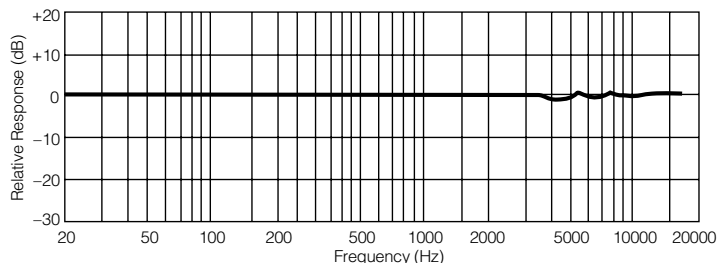
$V_s = 2.0V$
 $RL = 2.2k\Omega$

$$\begin{matrix} -45 \pm 4dB \\ (X: -46 \pm 3dB) \\ (T: -44 \pm 3dB) \\ (U: -40 \pm 3dB) \end{matrix}$$

■ 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-62A/62C/62CC/62K

WM-62B

