

Omnidirectional Electret Condenser Microphone Cartridge

Series: **WM-63GC/63GN**



■ Features

- Non-Soldering connection
- Provides gold plated contact area
- Very small, thin type omnidirectional microphone
- Most suited to products having limited space
- Better-shielded, RF-noise resistant type

■ Recommended Applications

- WM-63GC (33pF) - GSM, PDC etc.
- WM-63GN (33pF, 10pF) - Dual Band.

■ Sensitivity

$$V_s = 2.0V$$

$$R_L = 2.2k\Omega$$

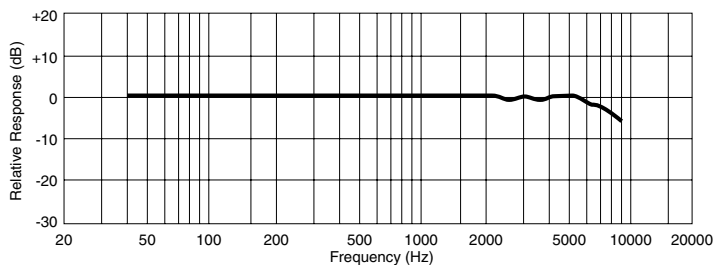
$$-45 \pm 4dB$$

$$\left(\begin{array}{l} X: -46 \pm 3dB \\ T: -44 \pm 3dB \end{array} \right)$$

■ Specifications

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

■ Typical Frequency Response Curve



■ Dimensions in mm (not to scale)

WM-63GC/63GN

