

# Omnidirectional Electret Condenser Microphone Cartridge

## WM-63GC WM-63GN

- Non-Soldering connection (63GC/63GN)
- Provides gold plated contact area (63GC/63GN)
- Very small, thin type omnidirectional microphone
- Most suited to products having limited space
- Better-shielded, RF-noise resistant type

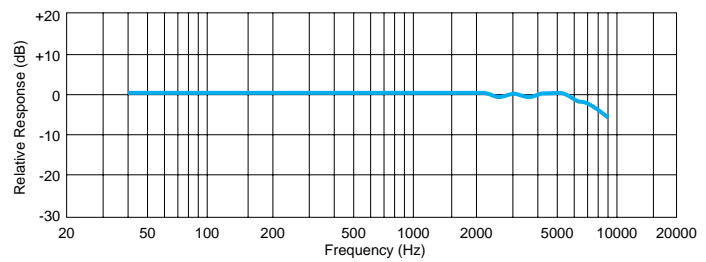
- 63GC (33pF) - GSM, PDC etc.
- WM-63GN (33pF,10pF) - Dual Band.

### Appearance

#### WM-63GC/63GN



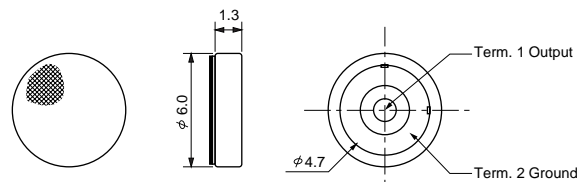
### Typical Frequency Response Curve



### Dimensional Drawing

#### WM-63GC/63GN

Unit: mm



### Sensitivity

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

$-45 \pm 4dB$

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

### Specifications WM-63GC/63GN

Sensitivity:	$-45 \pm 4dB$ (0dB=1V/Pa, 1kHz)
Impedance:	Less than $2.2k\Omega$
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