



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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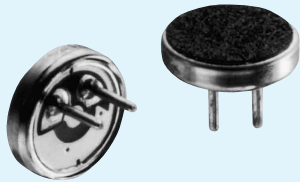
# Omnidirectional Electret Condenser Microphone Cartridge

## WM-63PR

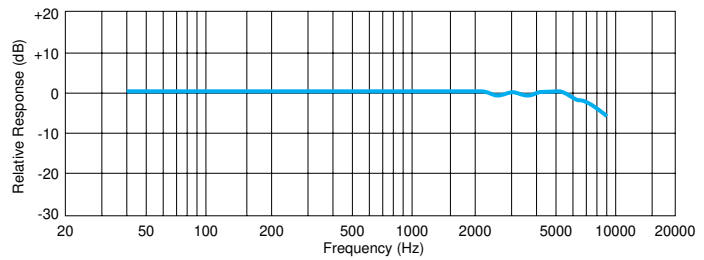
- Very small, thin type omnidirectional microphone
  - Most suited to products having limited space
  - Better-shielded, RF-noise resistant type
- WM-63PR - Dual Band.

### Appearance

#### WM-63PR



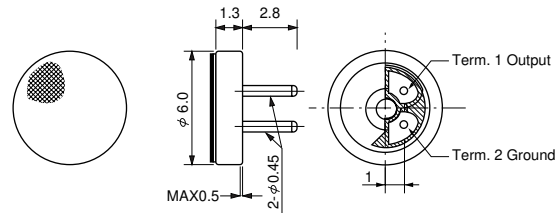
### Typical Frequency Response Curve



### Dimensional Drawing

#### WM-63PR

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-63PR

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

Weight and dimensions are approximate.  
Specifications are subject to change without notice.