



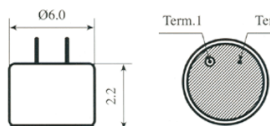
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# Electret Condenser Microphone



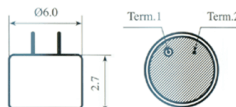
## SM M 6022P

Dimensions: 6.0x2.2 mm  
Sensitivity: -34dB - 44dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-20.000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 10V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



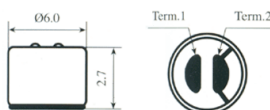
## SM M 6027P

Dimensions: 6.0x2.7 mm  
Sensitivity: -34dB - 44dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-20.000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 10V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



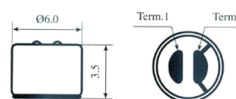
## SM M 6027(P)

Dimensions: 6.0x3.5 mm  
Sensitivity: -34dB - 44dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-20.000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 12V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



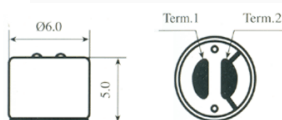
## SM M 6035

Dimensions: 6.0x3.5 mm  
Sensitivity: -34dB - 44dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-20.000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 12V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



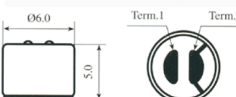
## SM M 6050N

Dimensions: 6.0x5.0 mm  
Sensitivity: -47dB -3dB,  $V_s=1.5V$   $R_L=680K$   
Frequency range: 100-16.000Hz  
Directivity: Noise canceling  
Current consumption: max 500UA  
Standard operation voltage: 1.5V  
Max operation voltage: 10V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



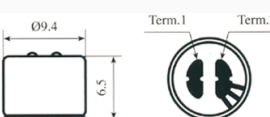
## SM M 6050(P)

Dimensions: 6.0x5.0 mm  
Sensitivity: -32dB -44dB,  $V_s=4.5V$   $R_L=62.2K$   
Frequency range: 20-20.000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 12V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



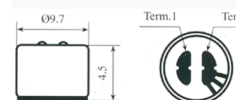
## SM M 9465(P)

Dimensions: 9.4x6.5 mm  
Sensitivity: -32dB-46dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-120000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 10V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB



## SM M 9745(P)

Dimensions: 9.7x4.5 mm  
Sensitivity: -32dB-46dB,  $V_s=4.5V$   $R_L=2.2K$   
Frequency range: 20-20000Hz  
Directivity: Omnidirectional  
Current consumption: max 500UA  
Standard operation voltage: 4.5V  
Max operation voltage: 12V  
Sensitivity reduction: within -3dB at 1.5V  
S/N ratio: more than 60dB





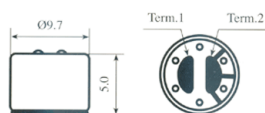
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## Electret Condenser Microphone



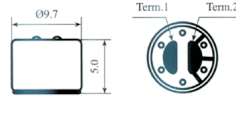
### SM M 9750N

Dimensions: 6.0x2.2 mm  
 Sensitivity: -34dB - 44dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-20.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



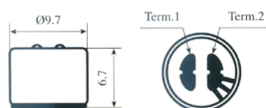
### SM M 9750U

Dimensions: 9.7x5.0 mm  
 Sensitivity: -47dB - 3dB,  $V_s=1.5V$   $R_L=680K$   
 Frequency range: 100-16.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 1.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



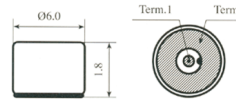
### SM M 9767(P)

Dimensions: 9.7x6.7 mm  
 Sensitivity: -32dB - 46dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-20.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



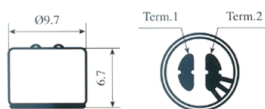
### SM M B6018P

Dimensions: 6.0x1.8 mm  
 Sensitivity: -38dB - 3dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-20.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



### SM M 9790(P)

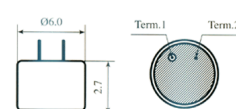
Dimensions: 9.7x9.0 mm  
 Sensitivity: -38dB -46dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-200.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



### SM M B6027P

(inner condenser)

Dimensions: 6.0x2.7 mm  
 Sensitivity: -38dB -3dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-200.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



### SM M 4522(P)

Dimensions: 4.5x2.2 mm  
 Sensitivity: -32dB-46dB  
 Frequency range: 20-20.000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB



### SM M 4015(P)

Dimensions: 4.0x1.5 mm  
 Sensitivity: -32dB-46dB,  $V_s=4.5V$   $R_L=2.2K$   
 Frequency range: 20-20000Hz  
 Directivity: Omnidirectional  
 Current consumption: max 500UA  
 Standard operation voltage: 4.5V  
 Max operation voltage: 10V  
 Sensitivity reduction: within -3dB at 1.5V  
 S/N ratio: more than 60dB

