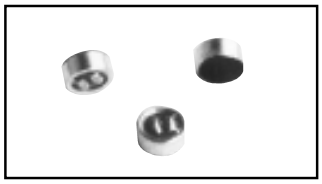
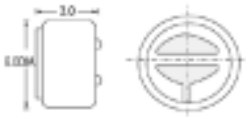
Electret Condenser Microphone

KPCM - 8B , KPCM - 8B - P(6.0X3.0) UNIT:mm

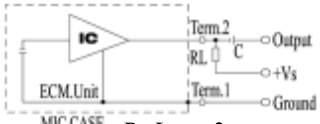


Dimensions

Lead Wire Type KPCM - 8B PCB Type KPCM - 8B - P



Schematic



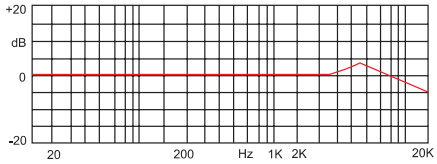
RL = 2.2K¦¸, Vs=2V

Specifications

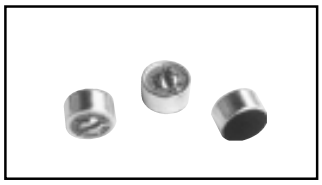
Sensitivity	:See Model No. Table
Impedace	:2.2K ¦¸ Max
Standard Power Supply	:2.0V DC
Current Consumption	:0.5mA Max
Sensitivity Reduction	:within-3dB at 1.0V
S/N Ratio	:more than 60dB
Directivity	:Omnidirectional

Sensitivity (0dB=1v/ub at 1kHz)	Sensitivity show method
-70¡Â2dB	As 1 pa=10ub, therefore when it be pa or ub showed, there would be -20ub distance between them. For examples: -40dB(0dB=1v/pa)is equivalentto -60dB(0dB=1v/ub)
-68¡Â2dB	
-66¡Â2dB	
-64¡Â2dB	
-62¡Â2dB	
-60¡Â2dB	
-58¡Â2dB	

Frequency Response

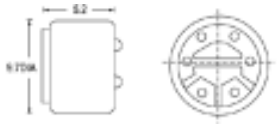


KPCM - 20B(9.7X5.2) UNIT:mm

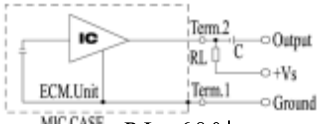


Dimensions

Lead Wire Type KPCM - 206B



Schematic



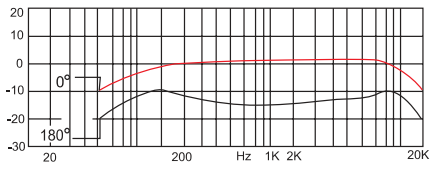
RL=680¦¸, Vs=1.5V

Specifications

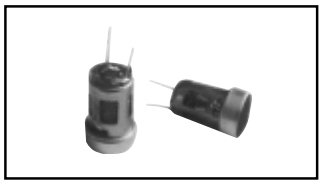
Sensitivity	:See Model No. Table
Impedace	:680 ¦¸ Max
Standard Power Supply	:1.5V DC
Current Consumption	:0.5mA Max
Sensitivity Reduction	:within-1dB at 1.0V
S/N Ratio	:more than 60dB
Directivity	:Uni directional
	:more than - 13dB at 180°

Sensitivity (0dB=1v/ub at 1kHz)	Sensitivity show method
-66¡Â2dB	As 1 pa=10ub, therefore when it be pa or ub showed, there would be -20ub distance between them. For examples: -40dB(0dB=1v/pa)is equivalentto -60dB(0dB=1v/ub)
-64¡Â2dB	
-62¡Â2dB	
-60¡Â2dB	
-58¡Â2dB	
-56¡Â2dB	

Frequency Response

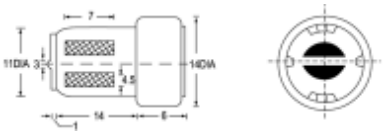


KPCM - 88B , (14X22) UNIT:mm

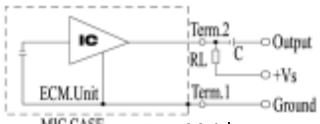


Dimensions

Lead Wire Type KPCM - 88B



Schematic



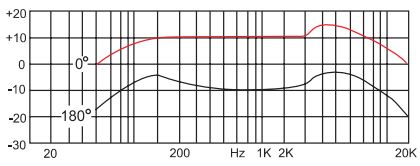
RL=680¦¸, Vs=1.5V

Specifications

Sensitivity	:See Model No. Table
Impedace	:680¦¸ Max
Standard Power Supply	:1.5V DC
Current Consumption	:0.5mA Max
Sensitivity Reduction	:within-1dB at 1V
S/N Ratio	:more than 60dB
Directivity	:Uni directional
	:more than - 18dB at 180°

Sensitivity (0dB=1v/ub at 1kHz)	Sensitivity show method
-66¡Â2dB	As 1 pa=10ub, therefore when it be pa or ub showed, there would be -20ub distance between them. For examples: -40dB(0dB=1v/pa)is equivalentto -60dB(0dB=1v/ub)
-64¡Â2dB	
-62¡Â2dB	
-60¡Â2dB	
-58¡Â2dB	
-56¡Â2dB	

Frequency Response



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