USE

CONDENSER MICROPHONE

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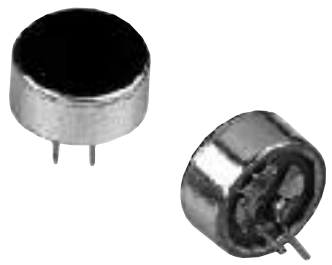
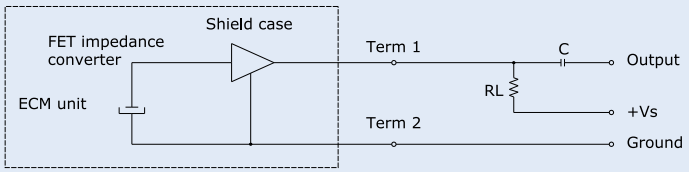


FEATURES

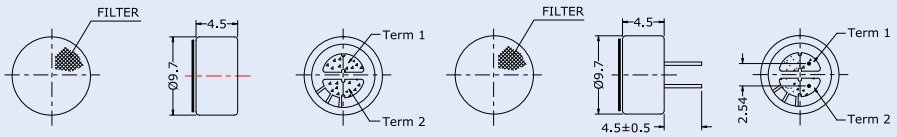
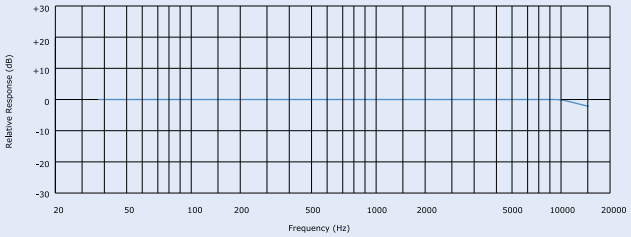
- Omnidirectional type
- Low voltage 1.5V operation is suitable for all telephones, intercoms and computers applications

	USE54LN-0B					USE54LP-0B	
DIRECTIVITY	**Omnidirectional**						
	R	**S**	**T**	**U**	**V**	**W**	**X**
SENSITIVITY	-36±3dB	-38±3dB	-40±3dB	-42±3dB	-44±3dB	-46±3dB	
	Vs=1.5V	Vs=2.0V	Vs=2.5V	Vs=3.0V	Vs=4.5V		
	RL=680Ω	RL=1KΩ	RL=1.5KΩ	RL=2.2KΩ	RL=3.0KΩ		
	F=1KHz 0dB=1V/Pa						
SENSITIVITY REDUCTION	Within -3dB at 1.5V compare to 3.0V						
FREQUENCY	50~16,000Hz						
WORKING VOLTAGE	Max. 10V						
CURRENT CONSUMPTION	Max. 0.5mA						
S/N RATIO	More than 60dB						
STORAGE TEMPERATURE	-20˚C ~ +60˚C						
WEIGHT	Max. 0.8 gm						

Schematic Diagram



Dimensions (Unit: mm ± 0.2)



Typical Frequency Response Curve