

SPECIFICATION

PRODUCT TYPE: IP4 防水 OF9767L-2A38	PRODUCT TYPE:	IP4 防水	OF9767L-2	2A383
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Engineering No.:

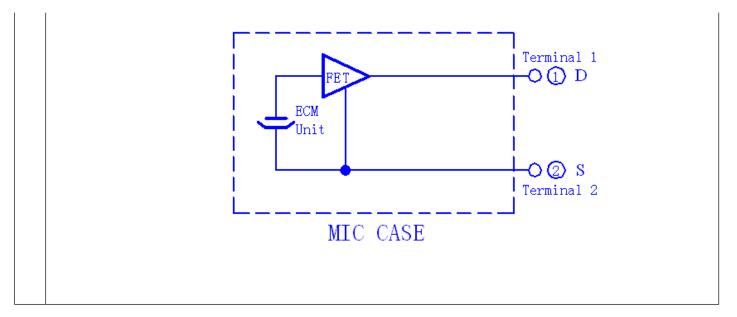
Customer Material Code:

Customer Type:

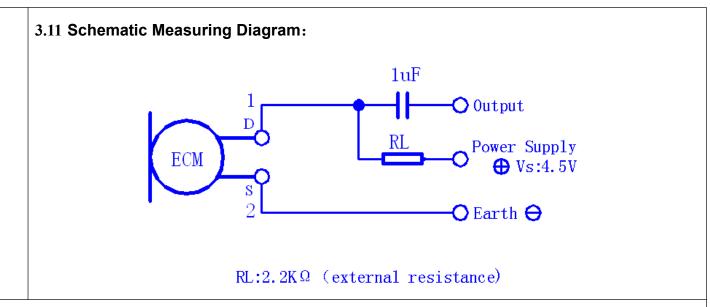
DSND	
BY	
CHKD	
BY	
APRVD	
BY	

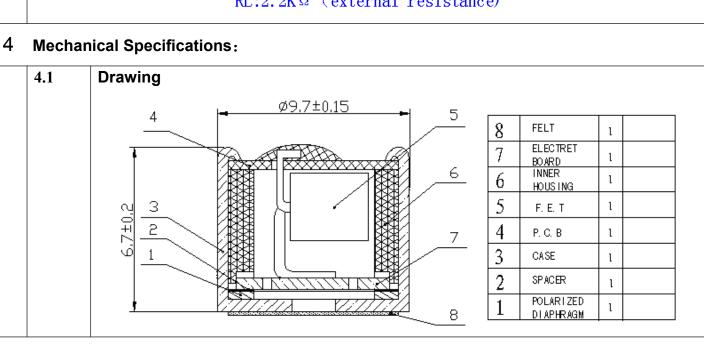
	3.1 3.2 3.3 3.4 3.5 3.6	Sensitivity Range Impedance Frequency Current Consumption Operation Voltage Range Max. Sound Pressure	-38±3dB RL=2.2K Ω Vs=4.5V (1KHz 0dB=1V/Pa) Max. 2.2K Ω 1KHz (RL=2.2K Ω) 50-16000Hz Max.0.5mA RL=2.2K Ω Vs=4.5V 1.0V-10V(DC)		
3	3.2 3.3 3.4 3.5	Impedance Frequency Current Consumption Operation Voltage Range Max. Sound Pressure	(1KHz $0dB=1V/Pa$) Max. $2.2K \Omega$ 1KHz (RL= $2.2K \Omega$) $SO-16000Hz$ Max. $0.5mA$ RL= $2.2K \Omega$ Vs= $4.5V$		
3	3.3 3.4 3.5	Frequency Current Consumption Operation Voltage Range Max. Sound Pressure	50-16000Hz Max.0.5mA RL=2.2K Ω Vs=4.5V		
3	3.4	Current Consumption Operation Voltage Range Max. Sound Pressure	Max. 0.5 mA RL= 2.2 K Ω Vs= 4.5 V		
3	3.5	Operation Voltage Range Max. Sound Pressure			
3		Max. Sound Pressure	1.0V-10V(DC)		
3	3.6				
3		Level	More than 120dB S.P.L (1KHz, THD<3%)		
3	3.7	S/N Ratio	More than 58dB (1KHz 0dB=1V/Pa, A Weighted)		
3	3.8	Sensitivity Reduction	2.0V-1.5V Sensitivity Variation less than 3dB		
3.9 Typical Frequency Response		-20 -30 -40 -50	onse Curve: B&K2012 50cm		

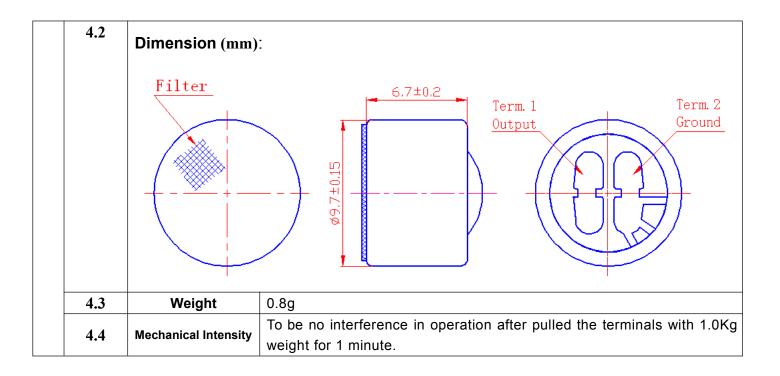
3.10 Microphone Circuit Diagram:



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5.F	.Reliability Tests: After any following tests, the sensitivity of the microphone unit shall not change more					
	than ± 3 dB from initial value, and shall keep their initial operation and appearance.					
	5.1	Hi-Temp. Test	The microphone unit must be subjected to +70 $^{\circ}$ C for 48 Hours, and			
	3.1	т. тот.р. тос.	expose to room temperature for 3 Hours.			
	5.2	Low-Temp. Test	The microphone unit must be subjected to -25 °C for 48 Hours, and			
	5.2 Low-remp. rest		expose to room temperature for 3 Hours.			
	5.3 Humi.&Heat Test		The microphone unit must be subjected to +60 $^{\circ}\mathrm{C}$, 90% RH-for 48			
			Hours, and expose to room temp for 3 Hours .			
		Llumidity Charling	The microphone unit must be subjected to following conditions (+50 $^{\circ}\mathrm{C}$			
	5.4 Humidity Shocking Test		1H-room temp 1H;-10 ℃ 1H-room temp 1H) at 5 cycle, and expose to			
			room temp for 3 Hours.			
			The microphone unit must be subjected to a procedure that after vibrating			
	5.5	Vibration Test	for two hours from each of the two directions with a frequency of 10-55Hz			
			and a 1.52mm-high amplitude.			
	5 (Draming Toot	The microphone unit must be subjected to a procedure that after dropping to			
	5.6 Dropping Test		a slippery marble floor for 5 times from a 1-meter-high without package.			
			The microphone under test must be discharged between each ESD			
	5.7 ESD Test		exposure (contact : ±4KV, air: ±8KV)			
			There is no interference in operation after 10 times exposure.			
6	F					
6	Enviror	nmental Condition	·			
	6.1	Storage condition	-40℃~+70℃ R.H. less than 90%			
	6.2	Operation condition	-40℃~+110℃ R.H. less than 90%			

	Aukitustion		Temperature : 20℃±1℃		
	6.3	Arbitration condition	Relative humidity: 63%~67%		
			Air pressure : 86~106Kpa		
7	Notic	ces:			
	7.1	Always Avoid bringing microphones.	g pinholes on the soldering terminal during the operation to the omi-directional		
	7.2	Operators, the solder fixtures and the soldering irons must be statically grounded under each soldering process.			
	All the soldering procedures upon microphones must be completed in a metallic de temperature of the soldering irons must be limited as 320 ℃ ± 10 ℃ . Soldering time si exceed 2 Seconds. 7.3 Material: Al Put into the MIC 10 lines 10 l		oldering irons must be limited as 320 $^{\circ}$ C \pm 10 $^{\circ}$ C . Soldering time should not		
		1	10 lines 23		