SPECIFICATION

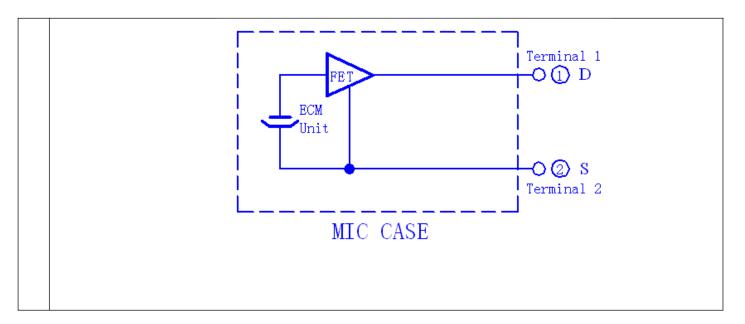
Engineering No.:

Customer Material Code:

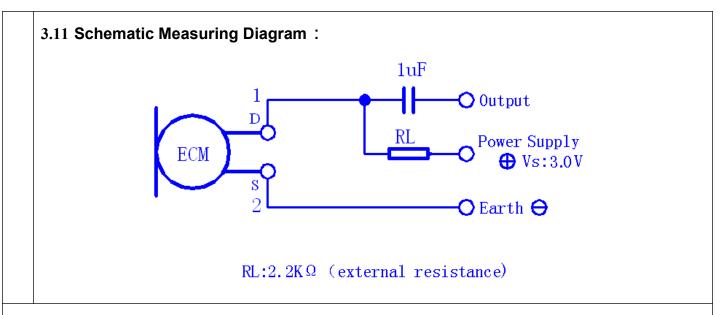
Customer Type:

DSND	
BY	
CHKD	
BY	
APRVD	
BY	

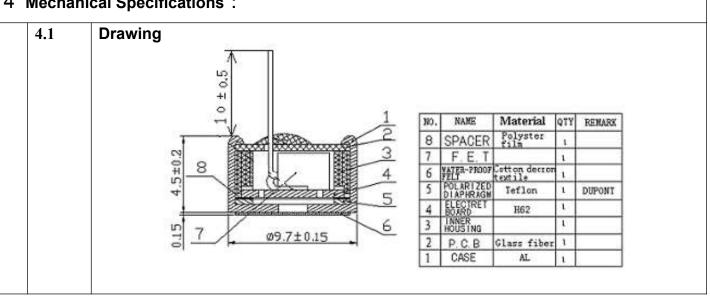
	TYPE: OF9745P-2A303				
	Electrical Specifications:				
	3.1	Sensitivity Range	-30±3dB RL=2.2KΩ Vs=4.5V (1KHz 0dB=1V/Pa)		
3.2 Impedance Max: 2.2KΩ 1KHz (RL=2.2KΩ)					
	3.3	3.3 Frequency 50-16000Hz			
	3.4	Current Consumption	Max.0.5mA RL=2.2KΩ Vs=4.5V 1.0V-10V(DC) More than 120dB S.P.L (1KHz , THD<3%) More than 60dB (1KHz 0dB=1V/Pa , A Weighted) 3.0V-2.0V Sensitivity Variation less than 3dB		
	3.5	Operation Voltage Range			
	3.6	Max. Sound Pressure Level			
	3.7	S/N Ratio			
	3.8	Sensitivity Reduction			
3.9 Typical Frequency Respond		-20 -30 -40 dBY/Pa -50			
		-70 20 0 Deg	200 2k 201		

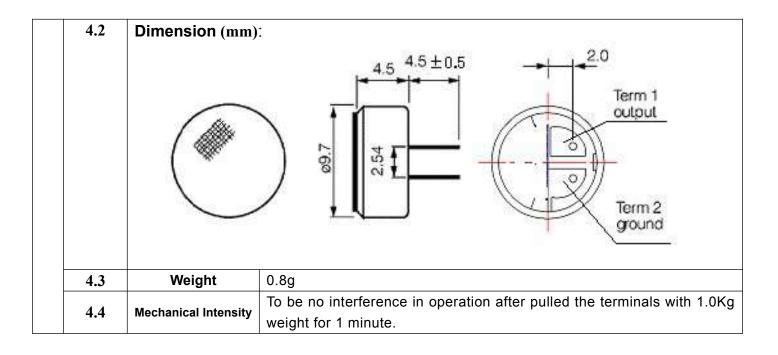


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4 Mechanical Specifications:





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5.F	Reliabili	ty Tests: After any	following tests, the sensitivity of the microphone unit shall not change		
		more thar	±3dB from initial value, and shall keep their initial operation and		
		appearanc	e.		
	The microphone unit must be subjected to +70°C for 200 Hours,				
	5.1	Hi-Temp. Test	expose to room temperature for 3 Hours.		
	5.2	Low Town Tool	The microphone unit must be subjected to -25°C for 200 Hours, and		
	5.2	Low-Temp. Test	expose to room temperature for 3 Hours.		
	<i>5</i> 2	Ilium: Olloot Toot	The microphone unit must be subjected to +60°C, 90% RH-for 200		
	5.3	Humi.&Heat Test	Hours, and expose to room temp for 3 Hours .		
	5.4	Hermidite Charling	The microphone unit must be subjected to following conditions (+50°C		
		.4 Humidity Shocking	1H-room temp 1H;-10°C 1H-room temp 1H) at 5 cycle, and expose to		
		Test	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.		
	5.6 Dropping Test		The microphone unit must be subjected to a procedure that after dropping		
			to 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: ±4KV)		
			There is no interference in operation after 10 times exposure.		
6	Environmental Condition:				
	6.1	Storage condition	-40°C~+70°C R.H. less than 90%		
	6.2	Operation condition	-40°C~+110°C R.H. less than 90%		
		Aubitration	Temperature : 20°C±1°C		
	Arbitration Relative humidity: 63%~67%				

Relative humidity: 63%~67%

Air pressure : 86~106Kpa

6.3

condition

7	Notic	ces:
	7.1	Always Avoid bringing pinholes on the soldering terminal during the operation to the omi-directional microphones.
	7.2	Operators, the solder fixtures and the soldering irons must be statically grounded under each soldering process.
	7.3	All the soldering procedures upon microphones must be completed in a metallic device, the temperature of the soldering irons must be limited as 320°C±10°C. Soldering time should not exceed 2 Seconds. Material: Al Put into the MIC 10 lines

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8	Packing Specification:				
		Drawing(Unit: mm)		Material	Marking
	Packing	100	Qty (pcs.) 100	Paper	

Middle Box	205	10×100	Paper	
Outer Box	240	20×1000	Paper	Particular for Customer's P.O