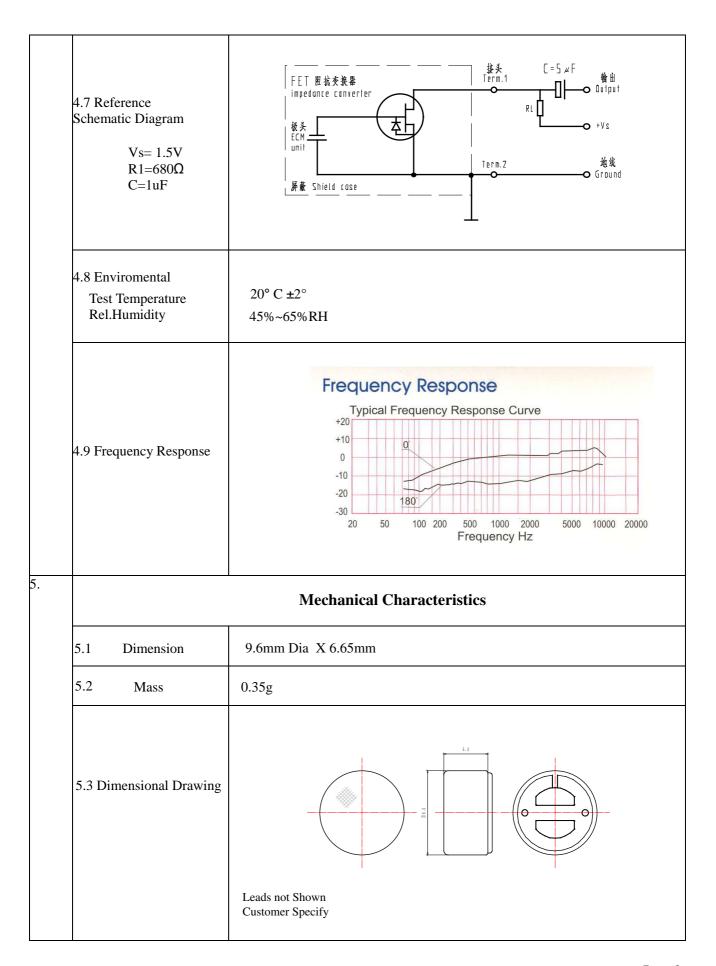
32043-MK

SPECIFICATIONS

Electret Condenser Part No. EM-B9760UL

Scope		This specification applies electret condenser microphone (E.C.M)			
Model No.		EM-B9760UL			
Operation Condit	ion				
3.1 Temperature	e	-20°C - +70°C			
3.2 Rel,Humidi	ty	35%~85%RH			
3.3 Pressure 3.4 Environmental Noise		86~106Kpa			
		36dB (Maximum)			
3.5 Operational	Voltage	1~10VDC			
3.6					
Electrical Characteristics					
4.1 StandardOperationVoltage		4.5VDC			
4.2 Impedance		Less than 2.2KΩ			
4.3 Current Consumption		0.5mA (Maximum)			
4.4 Sensitivity 4.5 Directivity		-50dB±3dB(0dB=1V/Pa,1KHz) Vs=4.5V R1=2.2KΩ			
		Unidirectional			
4.6 S/N Ratio 56dB(Minimum)					
WRTN CHKD		APVI)	DESCRIPTION	
	Model No. Operation Condit 3.1 Temperature 3.2 Rel,Humidi 3.3 Pressure 3.4 Environmen 3.5 Operational 3.6 4.1 StandardOp 4.2 Impedance 4.3 Current Con 4.4 Sensitivity 4.5 Directivity 4.6 S/N Ratio	Model No. Operation Condition 3.1 Temperature 3.2 Rel,Humidity 3.3 Pressure 3.4 Environmental Noise 3.5 Operational Voltage 3.6 Full StandardOperationVoltage 4.1 StandardOperationVoltage 4.2 Impedance 4.3 Current Consumption 4.4 Sensitivity 4.5 Directivity 4.6 S/N Ratio	Model No. Departion Condition 3.1 Temperature -20°C - +70°C 3.2 Rel, Humidity 3.3 Pressure 86~106Kpa 3.4 Environmental Noise 36dB (Maximum and	Model No. EM-B9760UL	

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6.		Poliobility Toets			
	The sensitivity to be wi	Reliability Tests The sensitivity to be within ±3dB of initial sensitivity affer 3 hours conditioning at 20°C			
	Frequency1 10Hz~55Hz Amplitude ±0.15mm Frequency2 55Hz~150Hz Acceleration 20m/s Change of Frequency 1octave/min 2 hrs in each of 3 axes				
	6.2 Shock	Pulse Shape Half Sinusoidal Puise Duration 11ms Acceleration 150m/s ² Number of Jolts 10 in each of 3 axes			
	6.3 Dry Heat/Cold	70°C for 72hrs -20°C for 72hrs			
	6.4 Damp Heat	90%RH,+40 for 120hrs			
	6.5 Temperature Cycles	(2h)(1h)(2h)(1h)(2h) 10cycles			
7.	Cautions				
	7.1 A soldering Iron of less than 20W should be used.				
	7.2 The temperaure of the	The temperaure of the working surface of the soldering iron shall be below 270°C			
	3.3 E.C.M shall be heatsinked while soldering Radiation effects. The heat sink shall contact with each of microphone.				
	7.4 The soldering time for	4 The soldering time for each terminal shall be 1~2 sec.			
	7.5 Solder voids and cold solder joints shall be avoided.				
	7.6 E.C.M may easily destroyed by the static electricity and precautions for eliminating static electricity should be used (Grounding of soldering iron, the worktable and operator shall be in place)				