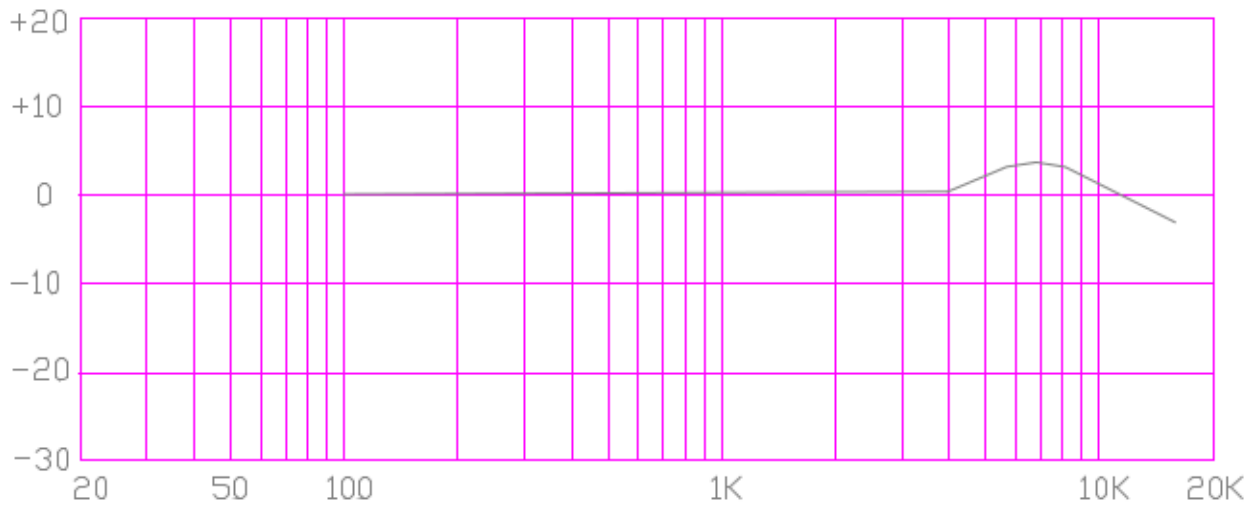


JLI-B6050CT-03

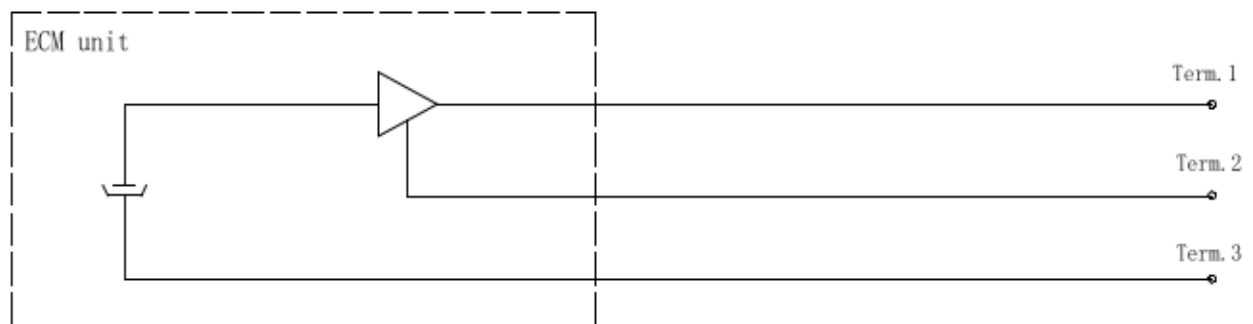
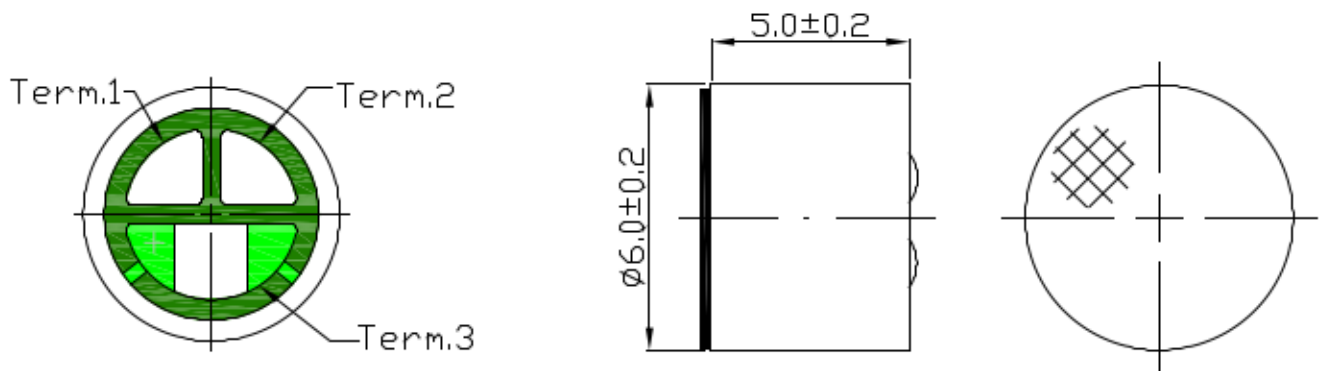
A.SPECIFICATION

No.	Item	Unit	Specification	Condition
1	Directivity		Omnidirectional	
2	Sensitivity	dB	-35 ± 3 dB	F=1KHz 0dB=1V/Pa
3	Standard operating voltage	V	2	
4	Bias resistor	Ω	2.2K	F=1KHz 1Pa
5	Max. operating voltage	V	10	
6	Sensitivity reduction	dB	-3	At 3.0V to 1.5V
7	Frequency	Hz	50~16000Hz	
8	Max.current consumption	mA	0.5	
9	Signal to noise ration	dB	60	F=1KHz 1Pa A weighted
10	Storage temp	$^{\circ}\text{C}$	$-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
11	Operating temp	$^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$	
12	Dimension	mm	$\Phi 6.0 \times 5.0$	See appearance drawing
13	Material		AL	
14	Terminal		Terminal Type	See appearance drawing

B. TYPICAL FREQUENCY RESPONSE CURVE



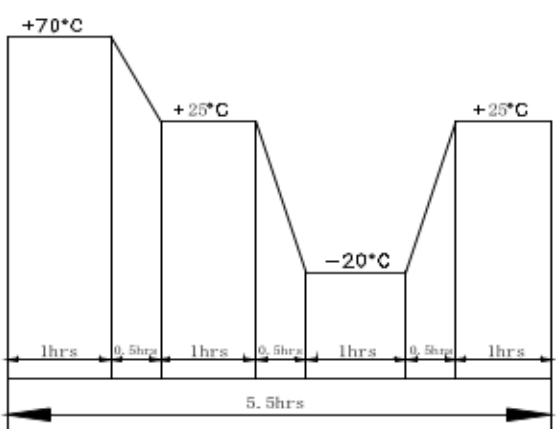
C. APPEARANCE DRAWING & MEASUREMENT CIRCUIT



D. MECHANICAL CHARACTERISTICS

NO.	item	Test condition	Evaluation standard
1	Soldering Heat Resistance	Soldering iron of $+330\pm 5^{\circ}\text{C}$ should be placed on the terminal for 2 ± 0.5 seconds.	No interference in operation
2	Vibration Test	The part shall be measured after being applied vibration of amplitude of 1.5mm with 10 to 55hz band of vibration frequency to each of 3 per-pendicular directions for 2 hours.	After any tests, the sensitivity to be within $\pm 3\text{dB}$ of the initial sensitivity.
3	Drop Test	The microphone unit without packaged must be subjected to each 3 drops at three axes from the height of 1 meter to 20mm thick wooden board.	

E. ENVIRONMENTAL TEST

NO.	Item	Test conditions	Evaluation standard
1	High temp.test	After being placed in a chamber at $+70^{\circ}\text{C}$ for 72 hours.	After any tests, the sensitivity to be within $\pm 3\text{dB}$ of initial sensitivity after 6 hours of conditioning at $+25^{\circ}\text{C}$
2	Low temp. test	After being placed in a chamber at -25°C for 72 hours.	
3	Humidity test	After being placed in a chamber at $+60^{\circ}\text{C}$ and $90\pm 5\%$ relative humidity for 240 hours.	
4	Temp.cycle test	<p>The part shall be subjected to 10 cycles. One cycle shall be consist of:</p> 	

TEST CONDITION.

Standard Test Condition: a)Temperature: $+5\sim +35^{\circ}\text{C}$ b)Humidity:45-85% c)Pressure:860-1060mbar

Judgement Test Condition: a)Temperature: $+25\pm 5^{\circ}\text{C}$ b)Humidity:60-70% c)Pressure:860-1060mbar