



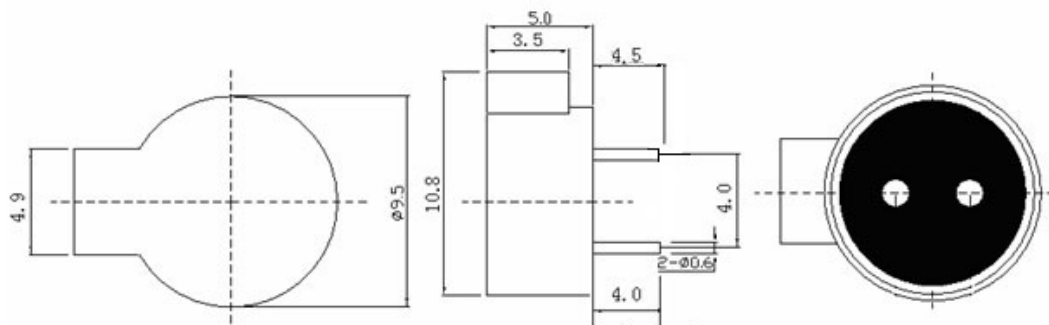
**FBMT9650S-3V**

1 . Electrical Characteristics

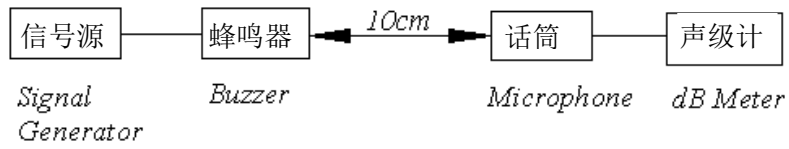
Type	FBMT9650S-3V
Rated Voltage DC(V)	3
Operating Voltage DC(V)	2- 4
Rated Current (mA)	Max60
Coil Resistance ( $\Omega$ )	16 $\pm$ 2
Sound Pressure Level (dB)	Min85/10cm
Resonant Frequency (Hz)	2731
Operating Temperature ( $^{\circ}$ C)	-20 $^{\circ}$ C~ +70 $^{\circ}$ C
Material	PBT

2.Dimension:Unit(mm)

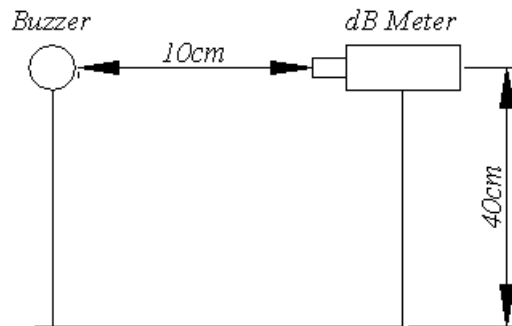
DIMENSIONS Unit:mm Tolerance:  $\pm$ 0.5 mm



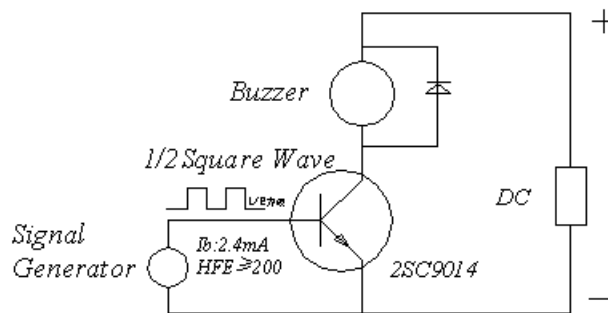
**1. Connection Diagram Of Testing Apparatus:**



**2. Testing Method:**



**3. Circuit Diagram:**

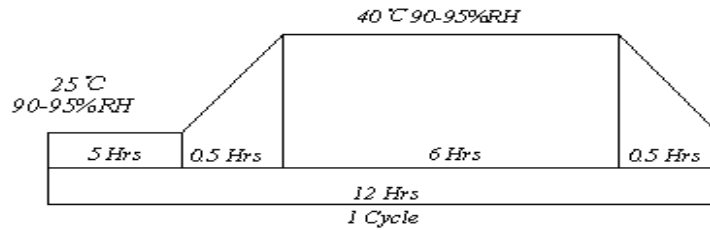


**RELIABILITY TEST**

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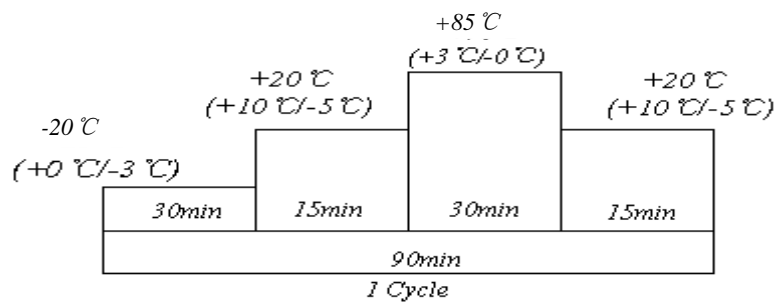
ITEM	METHOD OF TEST	STANDARD
Dry Heat Test	After being placed in a chamber with $+70\pm 2^{\circ}\text{C}$ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured.	All specification must be satisfied after the test.
Cold Test	After being placed in a chamber with $-20\pm 2^{\circ}\text{C}$ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured.	All specification must be satisfied after the test.
Humidity Test	After being placed in a chamber with, 90%-95%R.H. at $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured. (Attached FIG.1)	All specification must be satisfied after the test.
Temperature Cycle Test	After being placed in a chamber at $-20^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 30 minutes, sounder shall be placed at room temperature( $+20^{\circ}\text{C}$ ). After 15 minutes at this temperature, sounder shall be placed in a chamber at $+70^{\circ}\text{C} \pm 2^{\circ}\text{C}$ . After 30 minutes at this temperature, sounder shall be returned to room temperature( $+20^{\circ}\text{C}$ ) for 15 minutes. After 5 above cycles, sounder shall be measured after being placed in natural condition for 2 hours. (Attached FIG.2)	All specification must be satisfied after the test
Vibration Test	Sounder shall be measured after being applied vibration of amplitude of 1.5mm with 10-55Hz band of vibration frequency for 30 minutes. Sweep time is 1 minute. (Attached FIG.3)	All specification must be satisfied after the test.
Shock Test	Sounder shall be measured after being applied shock (100G) for each three mutually perpendicular directions to each of 3 times.	All specification must be satisfied after the test.
Terminal Strength Pulling Test	The force 5 seconds of 5N is applied to each terminal. No visible damage and cutting off.	All specification must be satisfied after the test.
Solder ability Test	Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of $+255\pm 5^{\circ}\text{C}$ for $3\pm 0.5$ seconds.	All specification must be satisfied after the test.

**FIG.1**



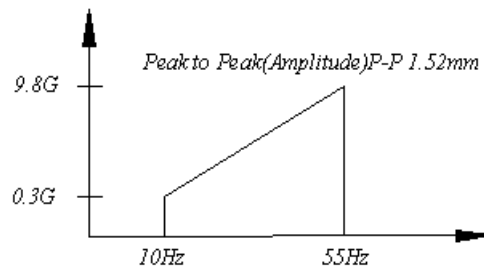
After being placed in a chamber with,90%-95%R.H. at +40 °C ±2 °C for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured (Attached FIG.1)

**FIG.2**



After being placed in a chamber at -20 °C ±2 °C for 30 minutes, sounder shall be placed at room temperature(+20 °C). After 15 minutes at this temperature, sounder shall be placed in a chamber at +70 °C ±2 °C. After 30 minutes at this temperature, sounder shall be returned to room temperature(+20 °C) for 15 minutes. After 5 above cycles, sounder shall be measured after being placed in natural condition for 2 hours (Attached FIG.2)

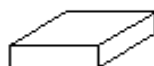
**FIG.3**



Sounder shall be measured after being applied vibration of amplitude of 1.5mm with 10-55Hz band of vibration frequency for 30 minutes. Sweep time is 1 minute. (Attached FIG.3)

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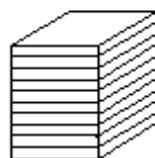
1. 发泡塑料盒  
Foam Box



数量: 100只/盒  
Quantity: 100 pcs/box



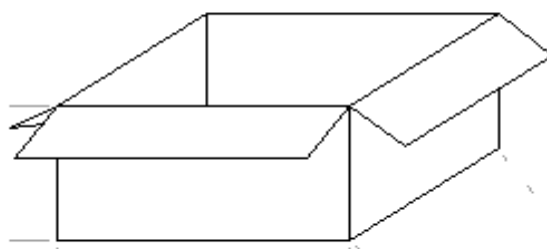
2. 塑料袋外包装  
Plastic bag



数量: 10盒/礼  
Quantity: 10 boxes/bag



3. 纸箱包装  
Carton



数量: 5000只/箱  
Quantity: 5000 pcs/carton