

SPECIFICATION SHEET

CUSTOMER:

PRODUCT: ELECTROMAGNETIC BUZZER

MODEL NUMBER: SM-1212C

ILOSAM

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WE HERE APPLY FOR AUTHORIZATION TO SUPPLY THE ABOVE MENTIONED ON THE BASIS OF THE FOLLOWING SPECIFICATIONS.

1. SCOPE

THESE SPECIFICATIONS APPLIED TO THE ABOVE MENTIONED ELECTROMAGNETIC BUZZER.

2. MECHANICAL CHARACTERISTICS

2-1 EXTERNAL DIMENSION

THE EXTERNAL DIMENSION, INDICATION ARE AS SHOWN IN DRAWING SHEETS

2-2 APPEARANCE

THE FINISHING SHALL NOT BE ACCOMPANIED BY REMARKABLE RUST, DISTORTION, CREAK, ETC.

2-3 TENSILE STRENGTH OF TERMINAL PIN

EACH TERMINAL PIN SHALL BE NO ABNORMALITY WHEN THE EQUIPMENT IS PROPERLY FIXED AND 1kg OF LOAD IS GIVEN FOR 30 ± 5 SECONDS IN AXIS DIRECTION OF TERMINAL.

3. ELECTRICAL CHARACTERISTICS (AT 25°C)

3-1 OPERATING VOLTAGE	:	8 ~ 15V
3-2 RATED VOLTAGE	:	12 V
3-3 RESONANT FREQUENCY	:	2300 ± 300 Hz
3-4 RATED CURRENT	:	30mA MAX
3-5 SOUND PRESSURE LEVEL	:	85dB MIN
3-6 OPERATING TEMPERATURE	:	-20°C ~ +70°C
3-7 STORAGE TEMPERATURE	:	-30°C ~ +80°C

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4. RELIABILITY TEST

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
4-1	HUMIDITY	$55 \pm 5^{\circ}\text{C}$, $95 \pm 3\%$ RH, 96HRS	SOUND PRESSURE LEVEL INITIAL VALUE $\pm 10\%$
4-2	HIGH TEMP.	$+80 \pm 2^{\circ}\text{C}$, 96HRS	
4-3	LOW TEMP.	$-30 \pm 2^{\circ}\text{C}$, 96HRS	
4-4	TEMPERATURE CYCLING	$-30 \pm 2^{\circ}\text{C}$, 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
		$+80 \pm 2^{\circ}\text{C}$ 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
		5 CYCLES	
4-5	DROP TEST	3 TIMES FROM HEIGHT OF 50CM ON CONCRETE FLOOR	

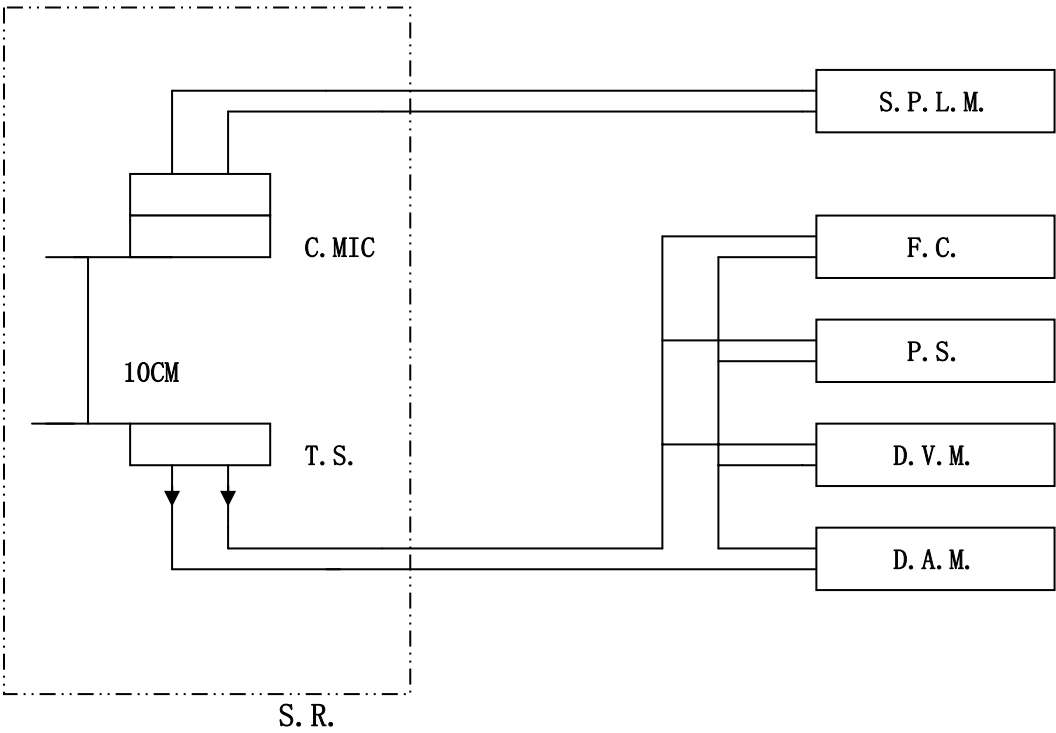
NOTE:

1. TEST ITEM 4-4 AND 4-5 SHALL BE CONDUCTED WITH CIRCUIT STATE.
2. TEST SPECIMENS SHALL BE KEPT FOR 4 HRS, 25°C BEFORE MEASUREMENT.

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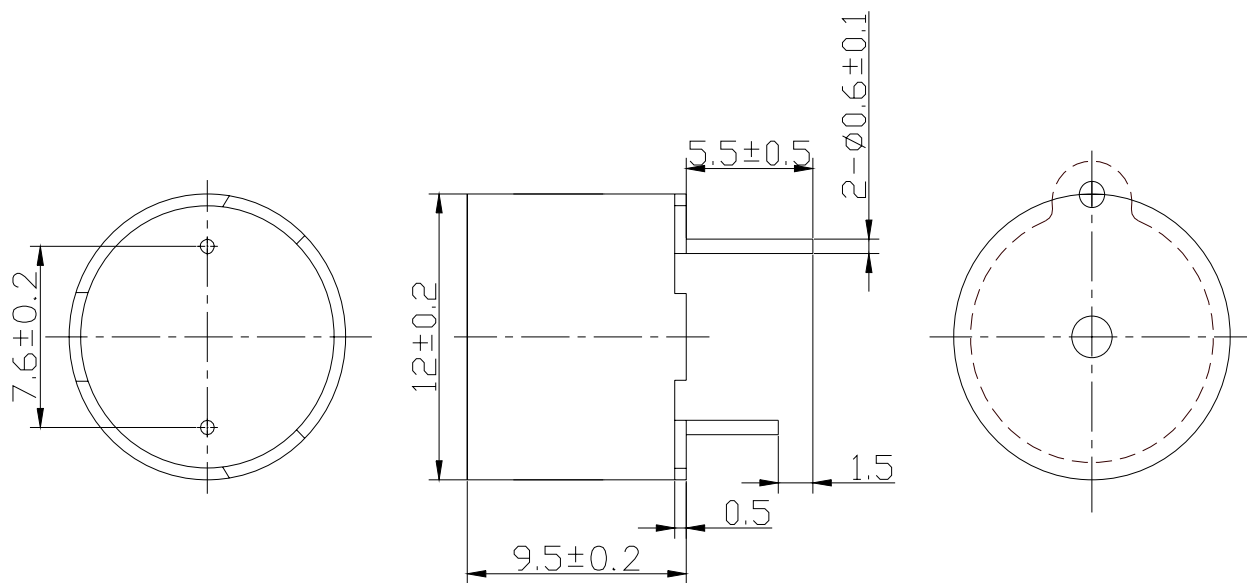
5. ELECTRICAL CHARACTERISTICS TEST METHOD



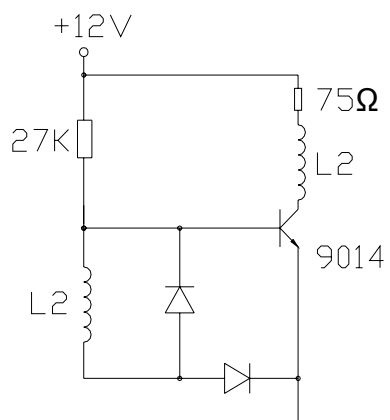
S. P. L. M. : SOUND PRESSUR LEVEL METER
F. C. : FREQUENCY COUNTER
D. V. M. : DC VOLTAGE METER
S. R. : SOUNDPROOF ROOM
C. MIC : CONDENSER MIC
P. S. : POWER SUPPLY
T. S. : TEST SAMPLE

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6. DIMENSIONS(UNIT:mm)

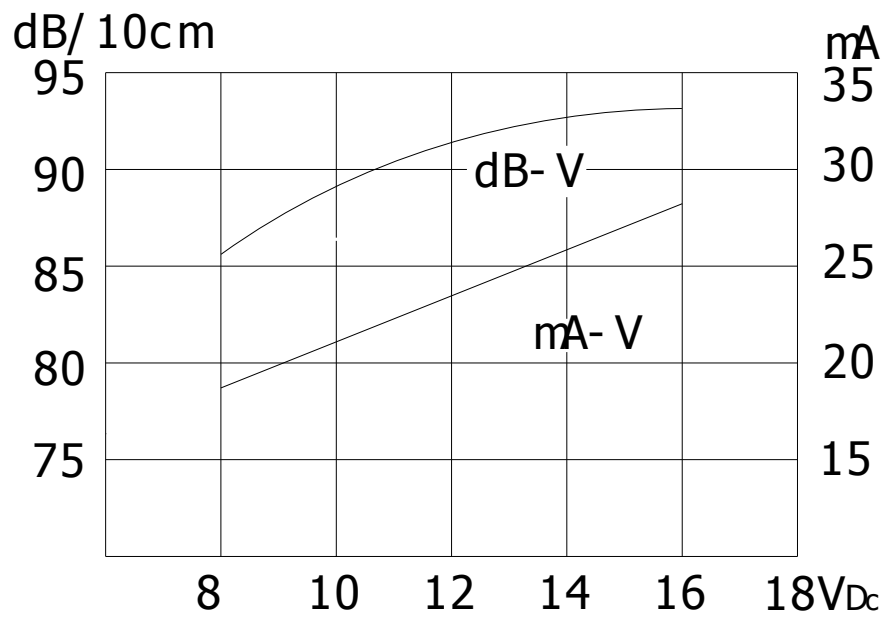


7. CIRCUIT DIAGRAM:



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8. TYPICAL CHARACTERISTIC CURVE OF SM-1212C



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