



**YNKJ**  
**BUZZER SPECIFICATION**

*广州粤能科技有限公司*

**GUANGZHOU YUENENG TECHNOLOGY CO., LTD.**

**CUSTOMER:**

**MODEL NO.:** YN-DCW12055 -16-2003P6.5

**OUR PART NO.:**

**CUSTOMER PART NO.:**

CUSTOMER	APPROVED	CHECKED

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## 1. Technical Parameter

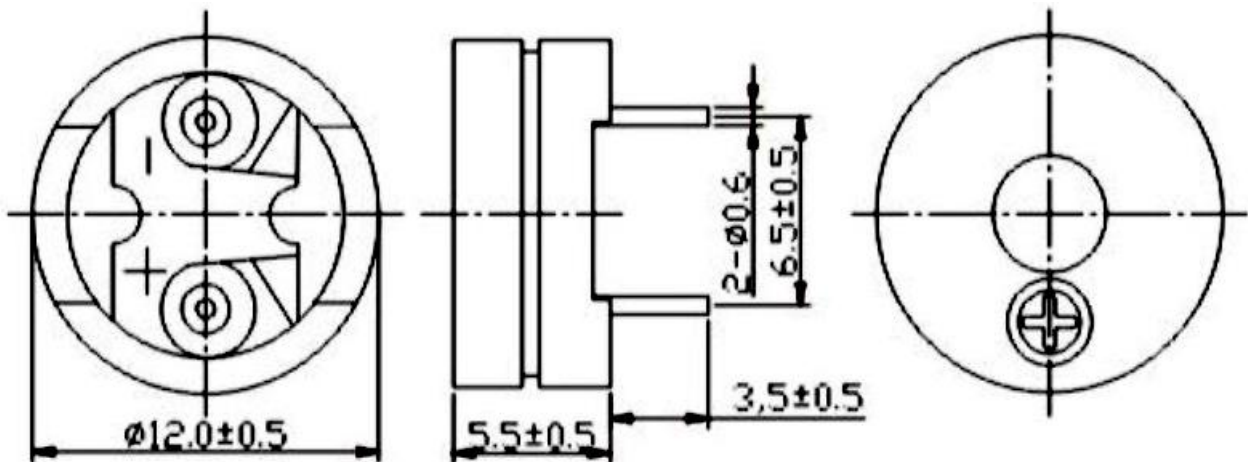
### Measuring condition

Part shall be measured under a condition (Temperature: 5 ~ 35°C, Humidity: 45% ~ 85%R.H., Atmospheric pressure: 860 ~ 1060hPa) unless the standard condition (Temperature: 25±3°C, Humidity: 60±10%R.H. Atmospheric pressure: 860 ~ 1060hPa) is regulated to measure.

1	Rated Voltage	3Vo-p ; 5Vo-p
2	Operating Voltage	2-4Vo-p ; 3~7Vo-p;
3	Rated Current	Max.80mA ,at 2048Hz 50% duty Square Wave 3Vo-p
4	Sound Output at 10cm	Min. 80dB,at 2048Hz 50% duty Square Wave 3Vo-p
5	Coil Resistance	16±3 Ω ; 42±6
6	Resonant Frequency	2000Hz
7	Operating Temperature	-20°C ~ +60°C
8	Store Temperature	-30°C ~ +70°C
9	Net Weight	Approx 1.3g
10	Tone Nature	Constant
11	Dimension	Φ12 x H5.5 mm
12	R o H S	Yes

## 2. Dimensions

Unit: mm



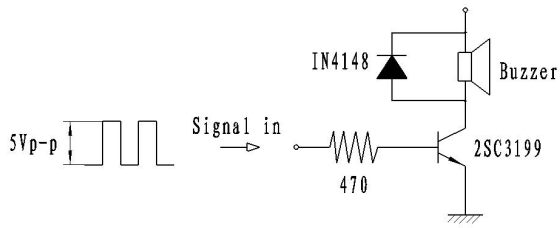
\*Unit: mm; Tolerance: ±0.3mm Except Specified

\*Housing Material: Black LCP

\*Terminal plate: 3 soldering pads, tin Plating Brass

### 3. Electrical And Acoustical Measuring Condition

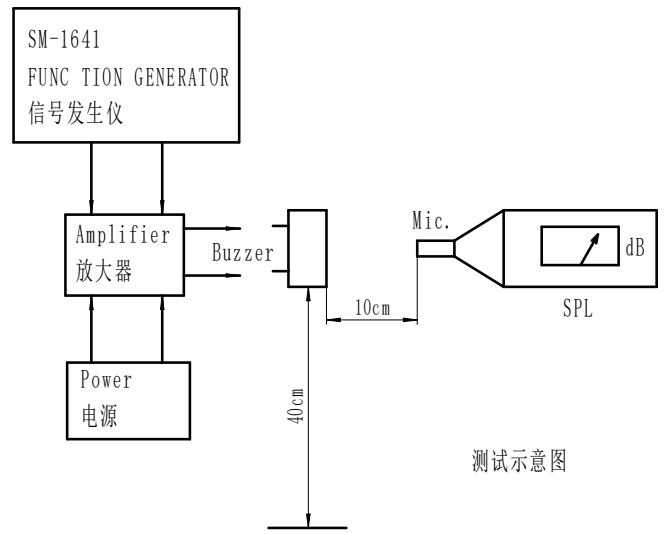
#### Recommended Driving Circuit



Resonant frequency, 1/2 duty cycle. Square wave.

Signal amplitude should be large enough to saturate the transistor.

#### Recommended Setting



测试示意图

### 4. Frequency Response

