

規格承認書

PECIFICATION FOR APPROVAL

客 戶
CUSTOMER : _____
項 目
ITEM : 电磁无源一体蜂鸣器 (外部驱动)
型 號
TYPE : GMC1205YA-16R2048
描述
DESCRIPTION : ϕ 12.0 x 5.4mm 2048Hz 16 Ω \geq 80dB PPO 材质 P=6.5 mm
客戶料號
CUSTOMER NO. : _____
規格書號
SPECIFICATION NO.: _____
版 本
EDITION NO. : V1.1
日 期
DATE : 2018-7-24

客戶承認

CUSTOMER CONFIRM AND SIGN

檢 查 TESTED BY	審 核 CHECKED BY	承 認 APPROVED BY

東莞市贏海電子有限公司

DONGUAN INGHAI ELECTRONICS CO.,LTD

製 作 ISSUED BY	審 查 CHECKED BY	確 認 APPROVED BY
周明	刘承成	

地址：廣東省東莞市長安鎮上沙第五业区新春科技园

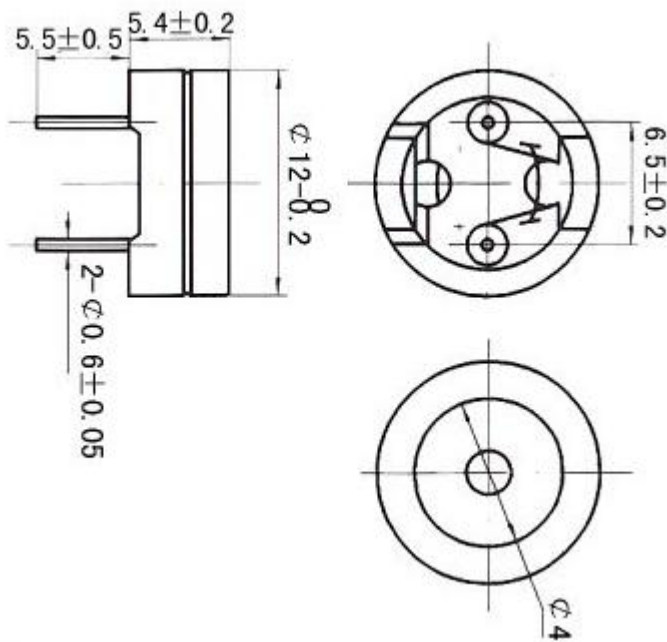
電話 / TEL: 0769-83060958 傳真 / FAX: 0769-81608993

網址: HTTP://WWW.INGHAI.COM

DONGGUAN INGHAI ELECTRONICS CO.,LTD

Model NO: GMC1205YA-16R2048

A: DIMENSIONS



B: SPECIFICATIONS

Model NO	GMC1205Y A
Rated Voltage	3.3Vo-p
Operating Voltage	2.0 ~5.0Vo-p
Max.Rated Current	Max.50mA
Coil Resistance	$16 \pm 15\%$
Sound Pressure level(dB)/at10cm	Min.80dB
Resonant Frequency	2048Hz

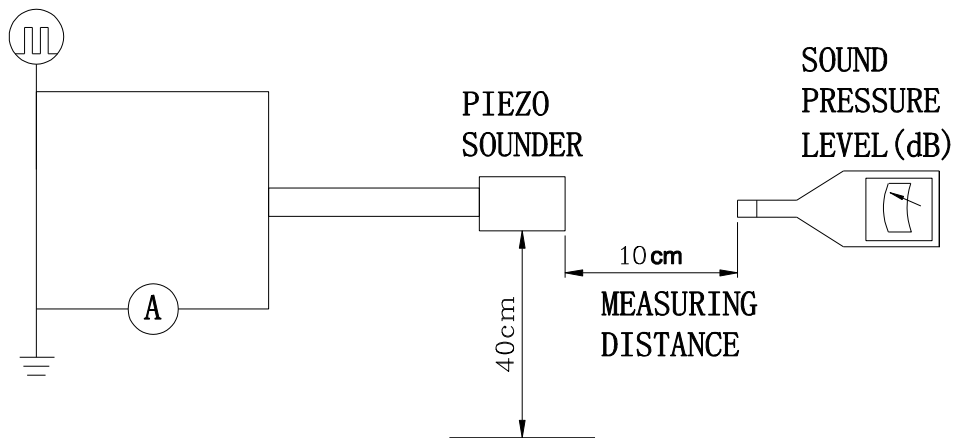
Operating Temperature	-20 °C~+70 °C
Storage Temperature	-30 °C~+80 °C
Case material and color	PPO / Black

Measuring condition

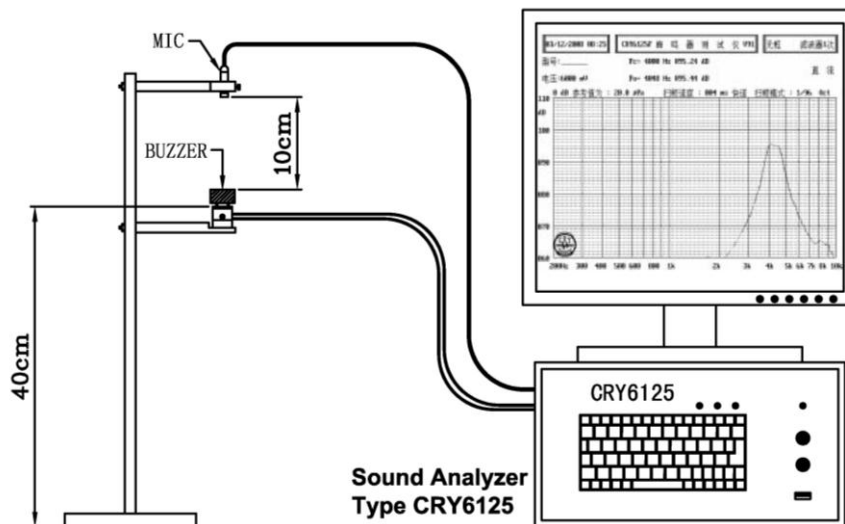
Part shall be measured under a condition (Temperature: 5~35°C, Humidity: 45%~85%R.H., Atmospheric pressure: 860 ~1060hPa) unless the standard condition (Temperature: 25±3°C, Humidity: 60±10%R.H. Atmospheric pressure: 860 ~1060hPa) is regulated to measure.

C: Acoustic Characteristics:

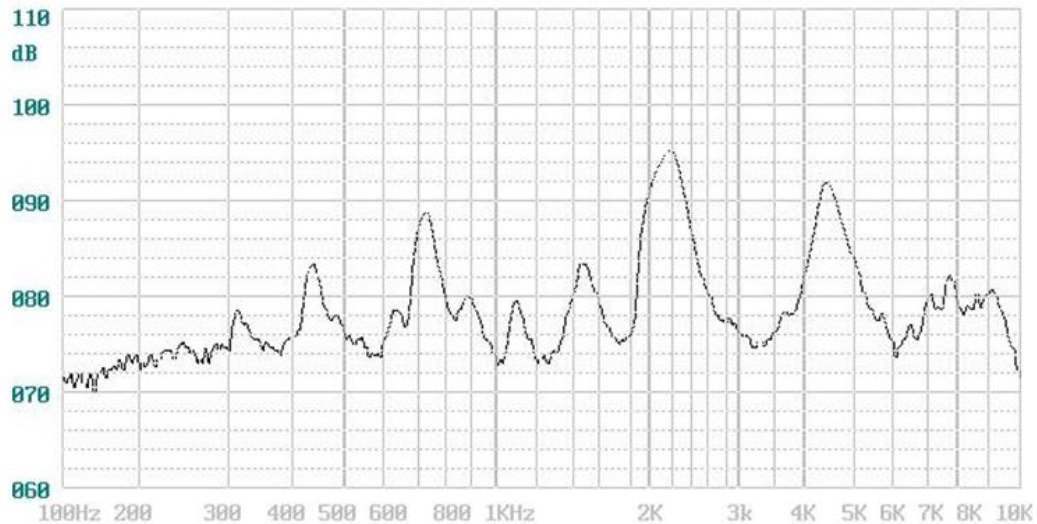
The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below



In the measuring test, buzzer is placed as follows:



D: Typical Frequency Response Curve



E: Reliability Test

After any following tests the part shall meet specifications without any degradation in appearance and performance except SPL. SPL shall not deviate more than -10 dB from the initial value

1. Ordinary Temperature Life Test

The part shall be subjected to 96 hours at $25 \pm 10^\circ\text{C}$. Input rated voltage Resonant frequency, 1/2 duty Square wave.

2. High Temperature Test

The part shall be capable of with standing a storage temperature of $+80^\circ\text{C}$ for 96 hours.

3. Low Temperature Test

The part shall be capable of with standing a storage temperature of -30°C for 96 hours.

4. Humidity Test

Temperature: $+40^\circ\text{C} \pm 3^\circ\text{C}$ Relative Humidity: 90%~95% Duration: 48 hours and expose to room temperature for 6 hours

5. Temperature Shock Test

Temperature: 70°C /1hour \rightarrow 25°C /3hours \rightarrow -30°C /1hour \rightarrow 25°C /3hours (1cycle)
Total cycle: 10 cycles

6. Drop Test

Standard Packaging From 120mm(Drop on hard wood or board of 5cm thick, three sides, six plain.)

7. Vibration Test

Vibration: 1000cycles /min. Amplitude: 1.5mm, Duration: 1 hour in each 3 axes

Note:

As this product is not protected from foreign material entering, please make sure that any foreign materials (e.g. magnetic powder, washing solvent, flux, corrosive gas) do not enter this product in your production processes. The functional degradation (e.g. SPL down) may occur if foreign material enter it.