

# 規格承認書

## PECIFICATION FOR APPROVAL

客 戶

CUSTOMER : \_\_\_\_\_

項 目

ITEM : 电磁无源分体蜂鸣器（外部驱动）

型 號

TYPE : GMC12085YA-8R2048

描述

DESCRIPTION :  $\phi$  12 x H8.5mm 2048Hz 42  $\Omega$  1.5V  $\geq$ 80DB PPO 材质 P=6.5 mm

客戶料號

CUSTOMER NO. : C530347

規 格 書 號

SPECIFICATION NO.: \_\_\_\_\_

版 本

EDITION NO. : V1.0

日 期

DATE : \_\_\_\_\_

### 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
刘波	刘承成	李海飞

地址： 广东省东莞市长安镇上沙第五工业区新春路 1 号新春科技园 1001 号

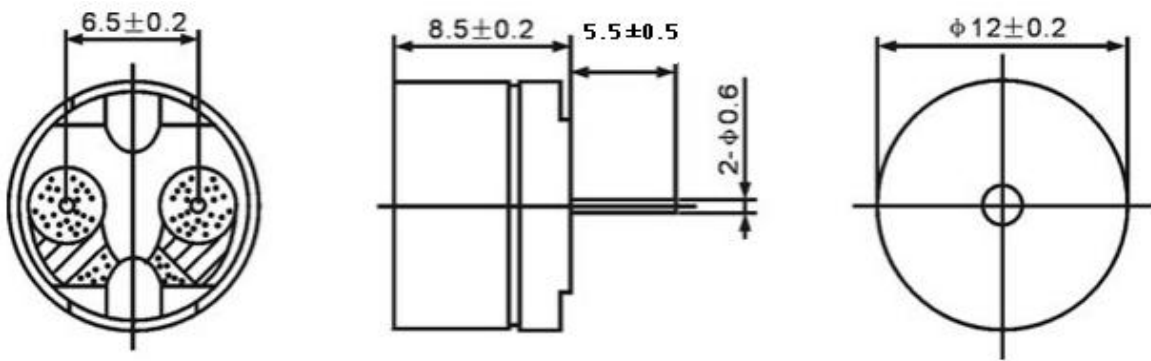
電話 / TEL: 0769-83060958    傳真 / FAX: 0769-81608993

網址: HTTP://WWW.INGHAI.COM

**DONGGUAN INGHAI ELECTRONICS CO.,LTD**

**Model NO:** GMC12085YA-8R2048

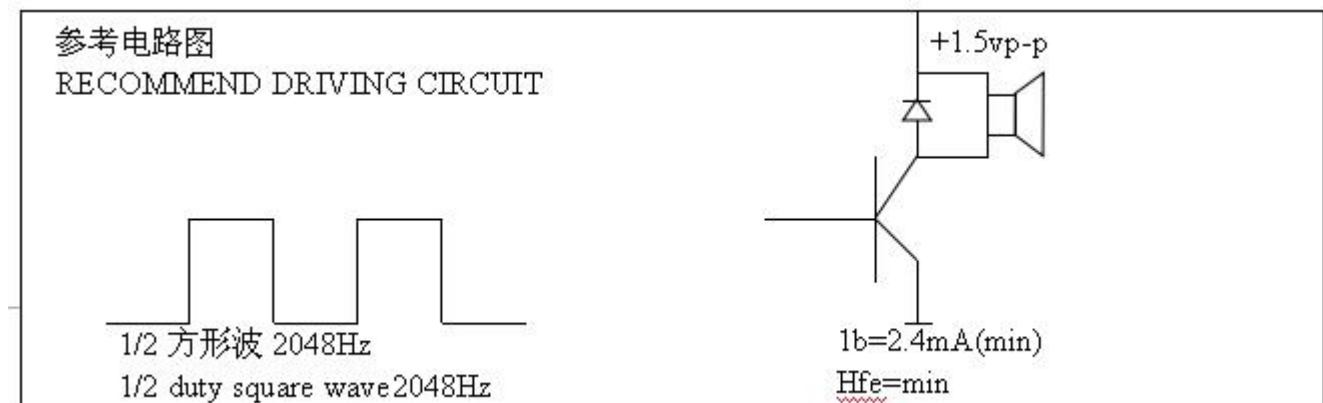
**A: DIMENSIONS**    Unit:mm



**B: SPECIFICATIONS**

Model NO	GMC12085YA
Rated Voltage	1.5 Vo-p
Operating Voltage	1.0 ~3.0 Vo-p
Max.Rated Current	Max.80mA
Coil Resistance	8±5 Ω
sound Pressure level(dB/)at10cm	Min.85dB
Resonant Frequency	2048Hz ± 100
Operating Temperature	-20 °C~+80 °C
Storage Temperature	-30 °C~+80 °C

Case material and color	PPO / Black
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### 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: 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 ± 10°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 +70°C for 96 hours.

### 3. Low Temperature Test

The part shall be capable of with standing a storage temperature of -20°C for 96 hours.

### 4. Humidity Test

Temperature: +40°C ± 3°C Relative Humidity: 90% ~ 95% Duration: 48 hours  
and expose to room temperature for 6 hours

### 5. Temperature Shock Test

Temperature: 60°C /1hour → 25°C/3hours → -30°C/1hour → 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.