規 格 承 認 書

PECIFICATION FOR APPROVAL

客　戶 CUSTOMER	：	
項　目 ITEM	：	塑壳内磁喇叭
型　號 TYPE	：	GSPK1508P-8R1W
描述 DESCRIPTION	：	φ15.0*H8.0mm 8ohm　1W　S.P.L：92dB+/- 3dB
客戶料號 CUSTOMER NO.	：	
規 格 書 號 SPECIFICATION NO.：		
版　本 EDITION NO.	：	V1.1
日　期 DATE	：	2025-3-7

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
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REVISION HISTORY

No.	Revision	Update	Comment		Page No.	Date
			before	after		
1.	2017A	00	standardization		All involved sheets	2018-08-13

MODEL: GSPK1508P-8R1W

1. SCOPE

This specification cover our product of speaker for use in your products.

2. MECHANICAL LAYOUT & DIMENSIONS

Shown in Fig.5

3. GENERAL REQUIREMENTS

3.1 WEIGHT: Approx gram

3.2 OPERATING TEMPERATURE RANGE: -25℃ to +65℃

3.3 STORAGE TEMPERATURE RANGE: -25℃ to +65℃

3.4 STANDARD CONDITIONS:

Temperature:	17～25℃
Relative Humidity:	45%～80%(RH)
Air Pressure:	860～1060hPa

3.5 JUDGEMENT CONDITIONS:

Temperature:	20±2℃
Relative Humidity:	60%～70%(RH)
Air Pressure:	860～1060hPa

4. SPEAKER MODE

4.1 SOUND PRESSURE LEVEL

92±3dB SPL At2000,2500,3000,3500Hz in average (0dB SPL=20μPa)

Input voltage: 0.1W(Sine wave)0.1M Measured baffler recommended.

4.2 IMPEDANCE: 8±15% ohm(at 1000Hz 1.0V)

4.3 RESONANCE FREQUENCY:2000±20%Hz at 1V. (No Baffler)

4.4 TOTAL HARMONIC DISTORTION: Less than 5% at 1KHz ,1.0m,0.5W

4.5 MEASURING CIRCUIT: Shown in Fig.1.

4.6 FREQUENCY RESPONSE CURVE: Shown in Fig.2.

4.7 RATED POWER: 0.5 W. **MAX POWER:** 1.0 W.

4.8 **PURE SOUND DETECTION:** Buzz,Rattle,etc Should not be audible at 2.0V sine wave from 200 Hz to 5K Hz.

4.9 POLARITY: When a positive DC current is applied to the terminal marked (+), diaphragm shall move forward.

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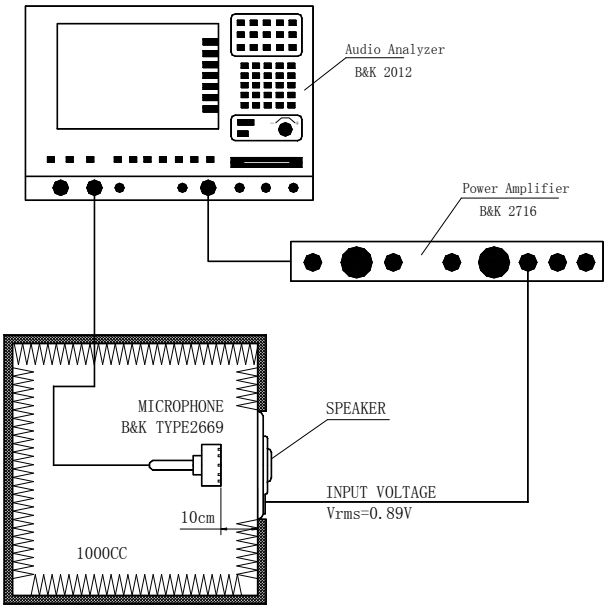
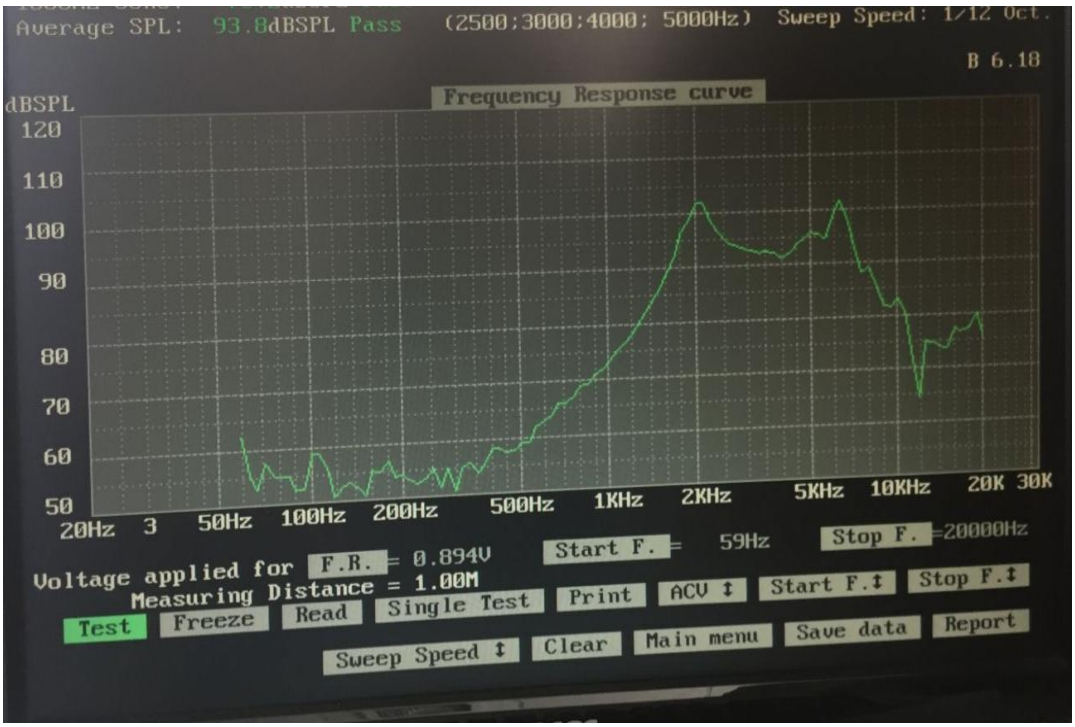
■ FREQUENCY MEASURING CIRCUIT (Fig.1)



■ FREQUENCY RESPONSE CURVE (Fig.2)



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5. RELIABILITY TESTS

①AFTER TEST

Sensitivity difference shall be within ±3dB after test (at800 ～ 1500KHz average value)，pure sound detection is normal when the sample is recovered 4 hours at house temperature

② HIGH TEMPERATURE TEST

High temperature: +65℃±2℃
Duration : 96 hours

③ LOW TEMPERATURE TEST

Low temperature : -25℃±2℃
Duration : 96 hours

④ HUMIDITY TEST

Temperature : +30℃±2℃
Relative humidity: 90～95%
Duration : 96 hours

⑤ TEMPERATURE CYCLE TEST (See in Fig.3)

Temperature : -25℃ +65℃
Duration : 2 hours 2 hours
Cycle : 6 cycle

⑥ VIBRATION TEST

Vibration : 10-55Hz/min
Amplitude : 1.5mm
Duration : 2 hours each axes

⑦ DROP TEST(With handset or Approved equipment) See in Fig.4

Height : 1.5 m
Cycle : 6 cycles onto the 5㎜ board

⑧ LOAD TEST

Subject samples to White Noise for 24 hours at 0.5 W input power.

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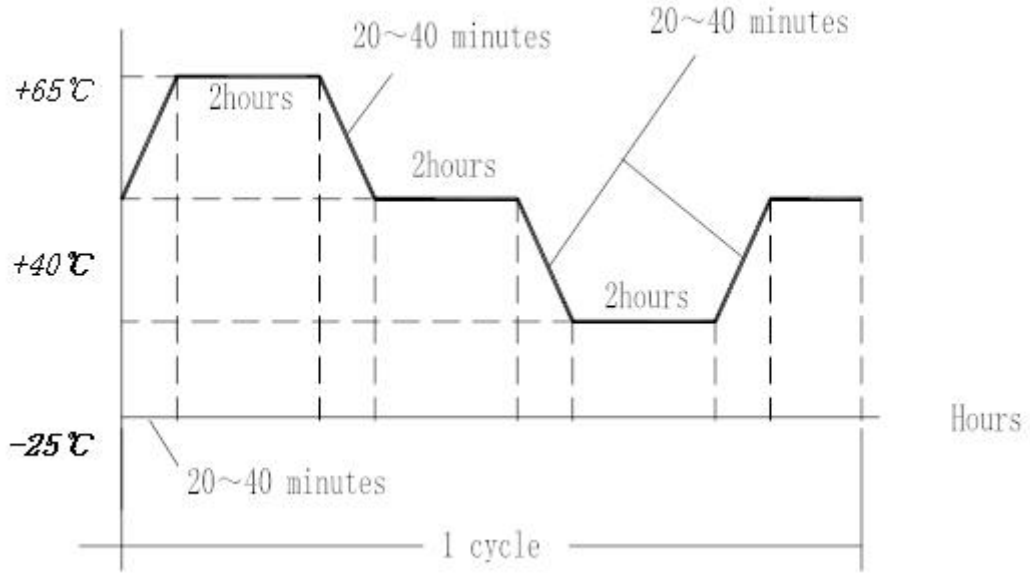
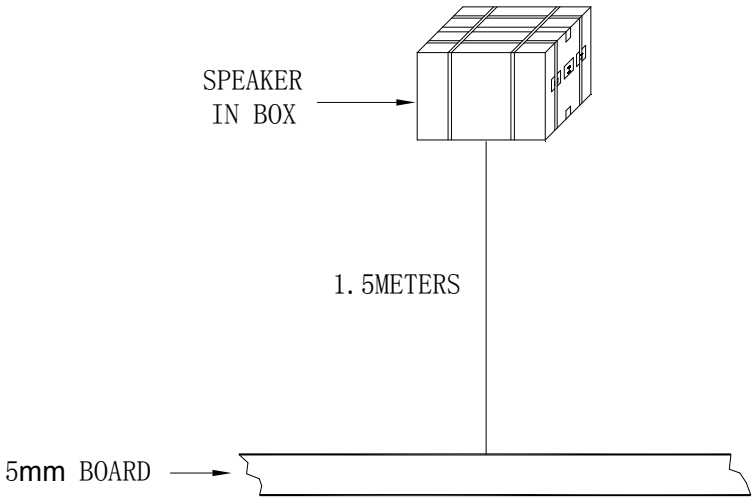
■ **TEMP. CYCLE TEST (Fig.3)**



■ **DROP TEST (Fig.4)**



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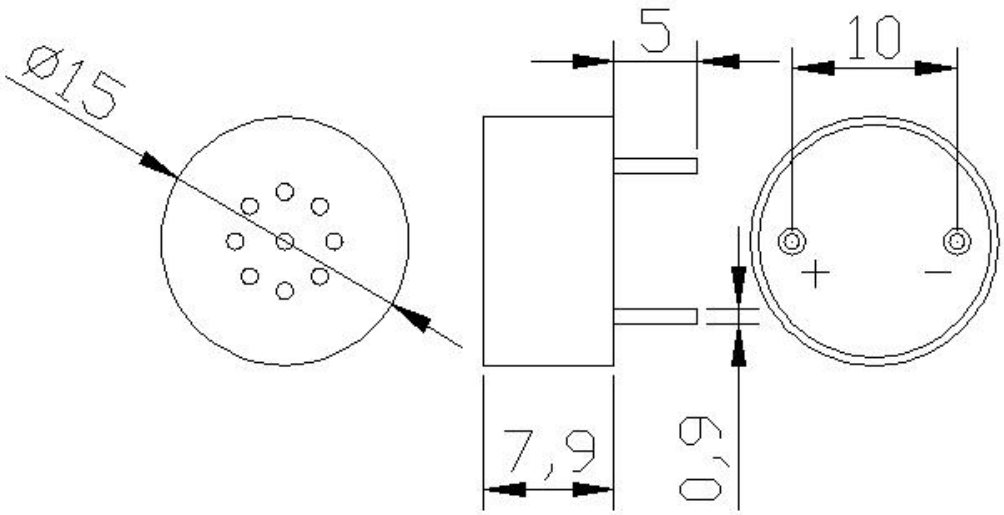
■ **TEMP. CYCLE TEST (Fig.5)**



View direction: