

SPECIFICATION

SHEET FOR APPROVAL

CUSTOMER:

CUSTOMER MODEL NO:

PRODUCTS: SPEAKER

MODEL: Д и н а м и к 12x17мм 8 Ом 1W

DATE: 2019-3-2

MODEL NO: 12*17 H3.7 L=50mm

张建立	袁海	张威
APPROVED	CHECKED	DESIGNED

CUSTOMER APPROVED

SIGNATURE	IMPRINTMENT

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RUI CHI

SPECIFICATIONS

4-1

TYPE NO.

Динамик 12x17мм 8 Ом 1W

1. PRODUCT OUTLINE

1-1 SCOPE	This specification is a typical speaker unit for telephone hand set
1-2 DIMENSIONS	As shown in fig (1)
1-3 NET WEIGHT	APPROX. 1.2 grams
1-4 OPERATING TEMPERATURE	-30°C to +70°C
1-5 STORAGE TEMPERATURE	-40°C to +85°C

2. ELECTROACOUSTIC CHARACTERISTICS

2-1 TEST SET UP	Measuring conditions and procedures shown in fig(2)
2-2 IMPEDANCE	$8\Omega \pm 15\%$ ohm (at 2 KHz, 0.9Vrms)
2-3 SOUND PRESSURE LEVEL	90dB ± 3 dB SPL /0.1W/10mm at 500、800、1000、1200Hz .AVE
2-4 FREQUENCY RESPONSE	$900 \pm 20\%$ HZ
2-5 INPUT POWER (NOM. /MAX.)	0.8W/1.2W
2-6 AUDIBLE NOISE	Must be free audible noise (buzzes and rattles) (350 ~ 10KHz frequency range ,input level up to 2.53Vrms)
2-7 DISTORTION	Less than 10% at 1KHz 1W

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RUICHI

SPECIFICATIONS

4-2

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3.RELIABLE TEST

3-1 GENERAL	After any following tests the response at 1 KHz shall not deviate more than ± 3 dB from the initial value
3-2 LOAD TEST	Input power: 0.8 W ,white noise 48 hours
3-3 HUMIDITY TEST	Temperature: $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Relative Humidity: 90%~95% Duration: 48 hours (recovery 6 hours)
3-4 DROP TEST	Height: 1.0M Cycle: 10cycles
3-5 VIBRATION TEST	Frequency: 10-55Hz. Amplitude: 1.5mm Duration: 2 hours in each 3axes
3-6 TEMPERATURE SHOCK TEST	<p>Temperature: $-40^{\circ}\text{C} \pm 3^{\circ}\text{C}$ \longleftrightarrow $+85^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Cycle: 20 cycles Duration: 2 hour 2 hour (recovery 2 hours)</p> <p>The diagram shows a temperature shock cycle. It starts at -40°C, ramps up to $+85^{\circ}\text{C}$ in 2 hours, dwells at $+85^{\circ}\text{C}$ for 2 hours, ramps down to -40°C in 2 hours, dwells at -40°C for 2 hours, ramps up to $+85^{\circ}\text{C}$ in 2 hours, dwells at $+85^{\circ}\text{C}$ for 2 hours, and finally ramps down to -40°C in 2 hours. The total duration of one cycle is indicated as 20-40 minutes.</p>
3-7 HIGH TEMPERATURE TEST	Temperature: $+85^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Duration: 48 hours
3-8 LOW TEMPERATURE TEST	Temperature: $-40^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Duration: 48 hours
3-9 TERMINAL STRENGTH TEST	Load : 1.0Kg Duration: 15sec. (Shall be normal)

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SPECIFICATIONS

4-3

TYPE NO.

Динамик 12x17мм 8 Ом 1W

4.DIMENSIONS (fig. 1)

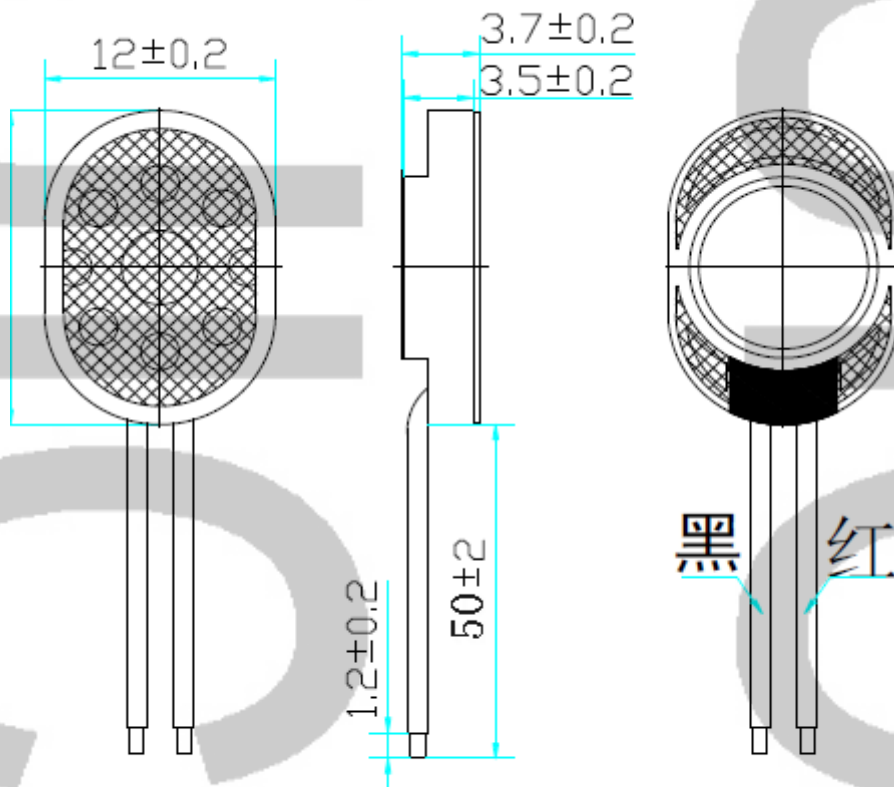


Fig.5 Outer dimension

单位: mm

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6.FREQUENCY RESPONSE CURVE (fig.3)

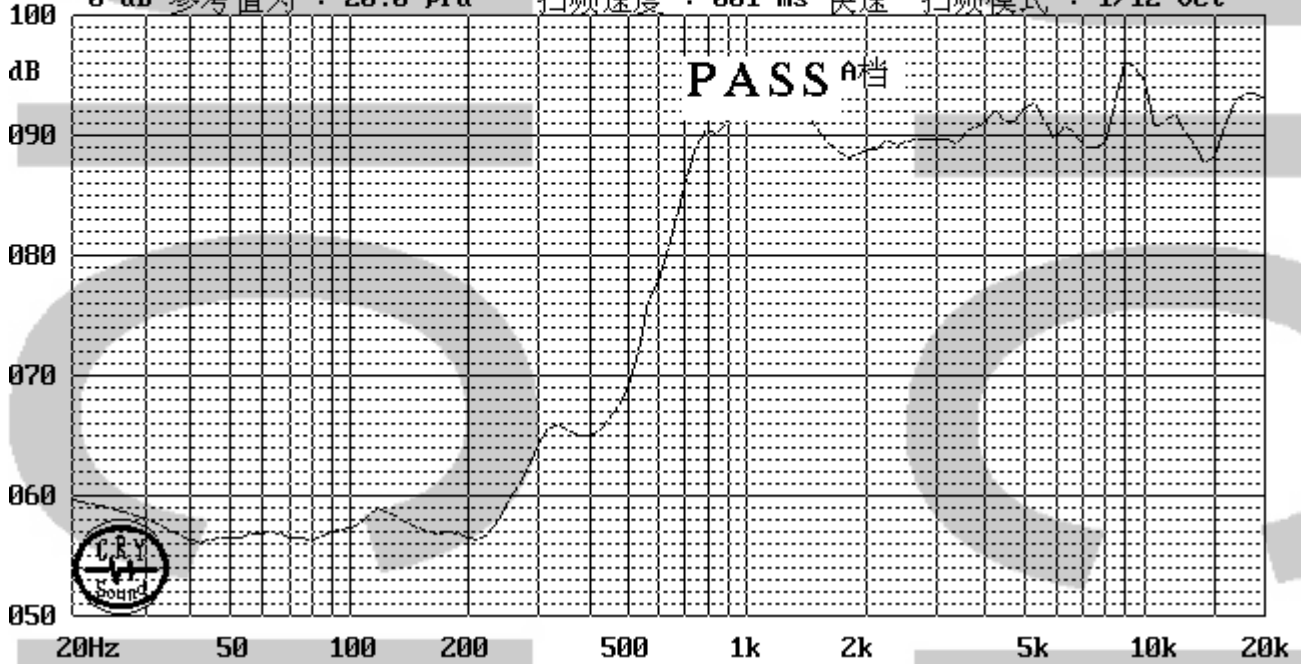
08/27/2010 09:41

CRY6125Y 扬声器测试仪 V91

无框 滤波器1次

DCR= _____ Ω 0 1000Hz 灵敏度 : 094.13 dB ACZ: _____ Ω Qm: _____
 Ueq= _____ dm3 → 平均灵敏度 : 090.95 dB Zm : _____ Ω Qe: _____
 Dist.=100 cm F0 : _____ Hz Qt: _____

型号: _____
 0 dB 参考值为 : 20.0 μPa 扫频速度 : 001 ms 快速 扫频模式 : 1/12 Oct



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