

SPECIFICATION

SHEET FOR APPROVAL

CUSTOMER:

CUSTOMER MODEL NO:

PRODUCTS: SPEAKER

MODEL: XH2030N08H045L080-001

DATE: 2010-06-10

MODEL NO: 20*30 8Ω 1W 4.5H 引线 80mm

APPROVED	CHECKED	DESIGNED

CUSTOMER APPROVED

SIGNATURE	IMPRINTMENT

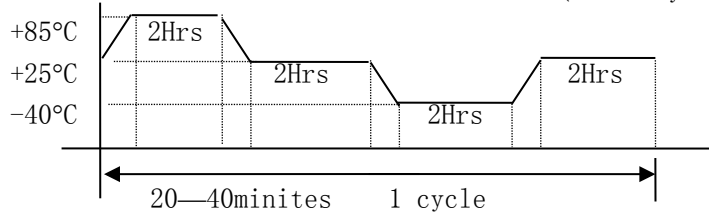
	SPECIFICATIONS	4-1
	TYPE NO.	XH2030N08H045L080-001
1.PRODUCT OUTLINE		
1-1 SCOPE	This specification is a typical speaker unit for telephone hand set	
1-2 DIMENSIONS	As shown in fig (1)	
1-3 NET WEIGHT	APPROX. 1.2 grams	
1-4 OPERATING TEMPERATURE	-30°C to +70°C	

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 Ω ±15% ohm (at 1 KHz, 0.9Vrms)
2-3	SOUND PRESSURE LEVEL	91dB ±3dB SPL /1W/10mm at 800、1000、1200、1500Hz .AVE
2-4	FREQUENCY RESPONSE	800±20%HZ
2-5	INPUT POWER (NOM. /MAX.)	1W/1.2W
2-6	AUDIBLE NOISE	Must be free audible noise (buzzes and rattles) (200 ~ 10KHz frequency range ,input level up to 2.83Vrms)
2-7	DISTORTION	Less than 10% at 1KHz 1W

C H A N G E S						
	NO.	DATE	BEFORE	AFTER	REASON OF CHANGE	SIGN.

		SPECIFICATIONS			4-2
		TYPE NO.	XH2030N08H045L080-001		

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: 1W ,white noise 48 hours
3-3	HUMIDITY TEST	Temperature: +40°C±2°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	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) 
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)

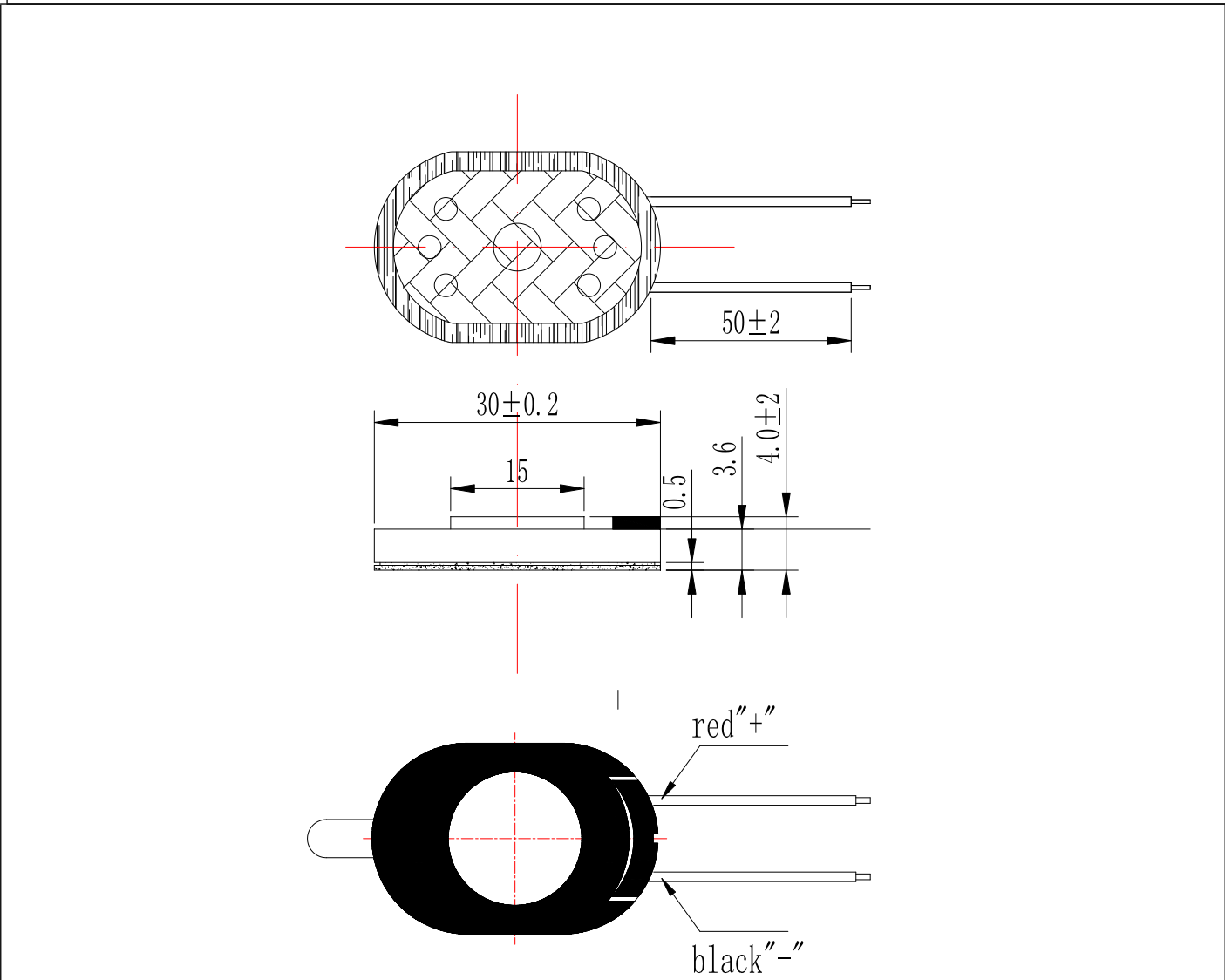
CHANGES						
	NO.	DATE	BEFORE	AFTER	REASON OF CHANGE	SIGN.

		SPECIFICATIONS			4-3
		TYPE NO.	XH2030N08H045L080-001		
4.DIMENSIONS (fig. 1)					

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		SPECIFICATIONS			4-4
		TYPE NO.	XH2030N08H045L080-001		

6.FREQUENCY RESPONSE CURVE (fig.3)



08/26/2009 11:54

CRY6125Y 扬声器测试仪 V91

无框 滤波器无

DCR= _____ Ω 1000Hz灵敏度 : 091.07 dB ACZ: _____ Ω Qm: _____
Veq= _____ dm³ → 平均灵敏度 : 091.07 dB Zm : _____ Ω Qe: _____
Dist.=100 cm F0 : _____ Hz Qt: _____

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

