

承認書

Number Of The Edition : 1.2

CUSTOMER'S APPROVED SIGNATURE		



<http://www.kingstate.com.tw>

Approved by	Checked by	Issued by

A. SCOPE 範疇

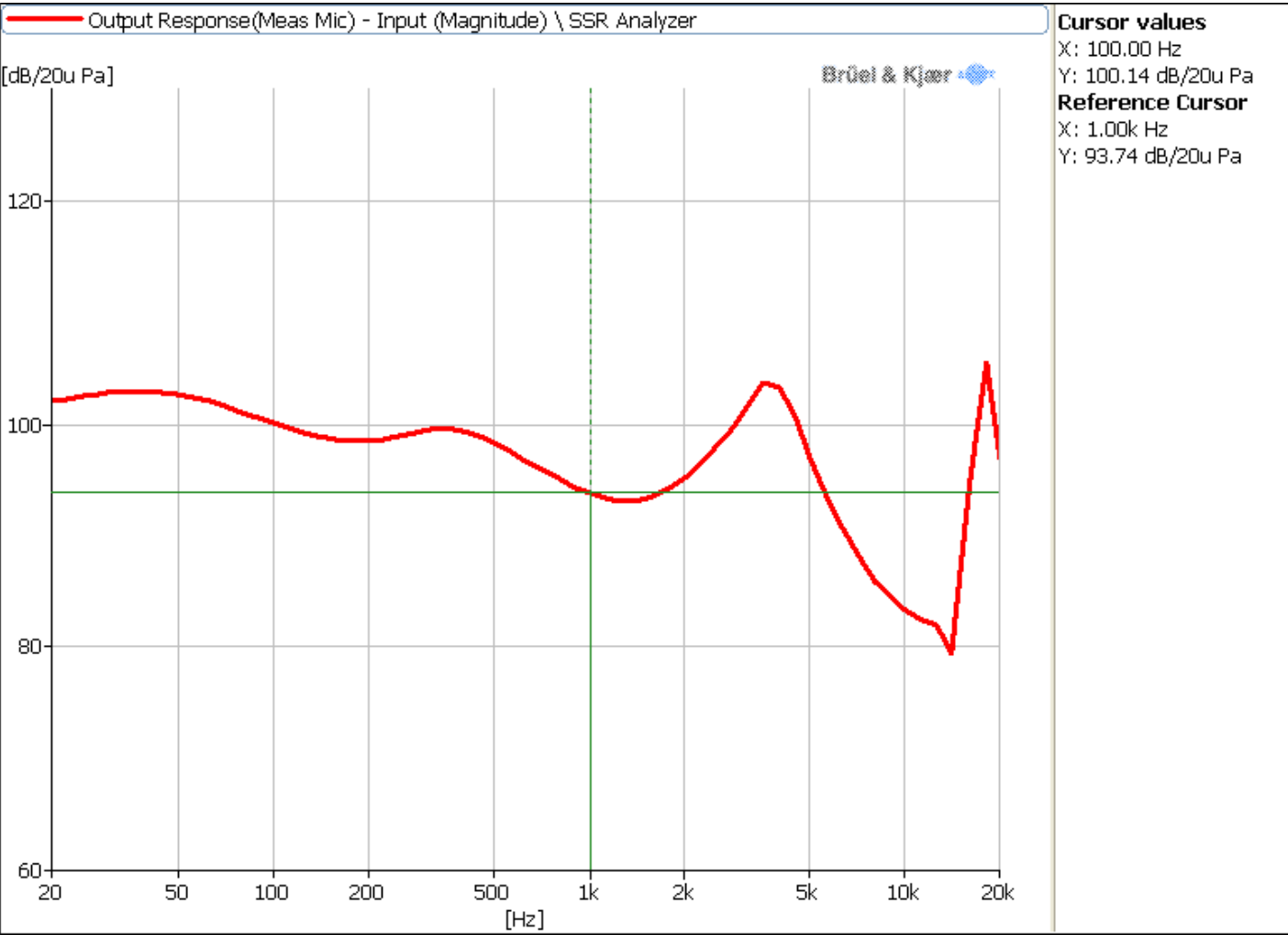
This specification applies receiver, **KDRG09016A-4**

此規格書適用於受話器, **KDRG09016A-4**

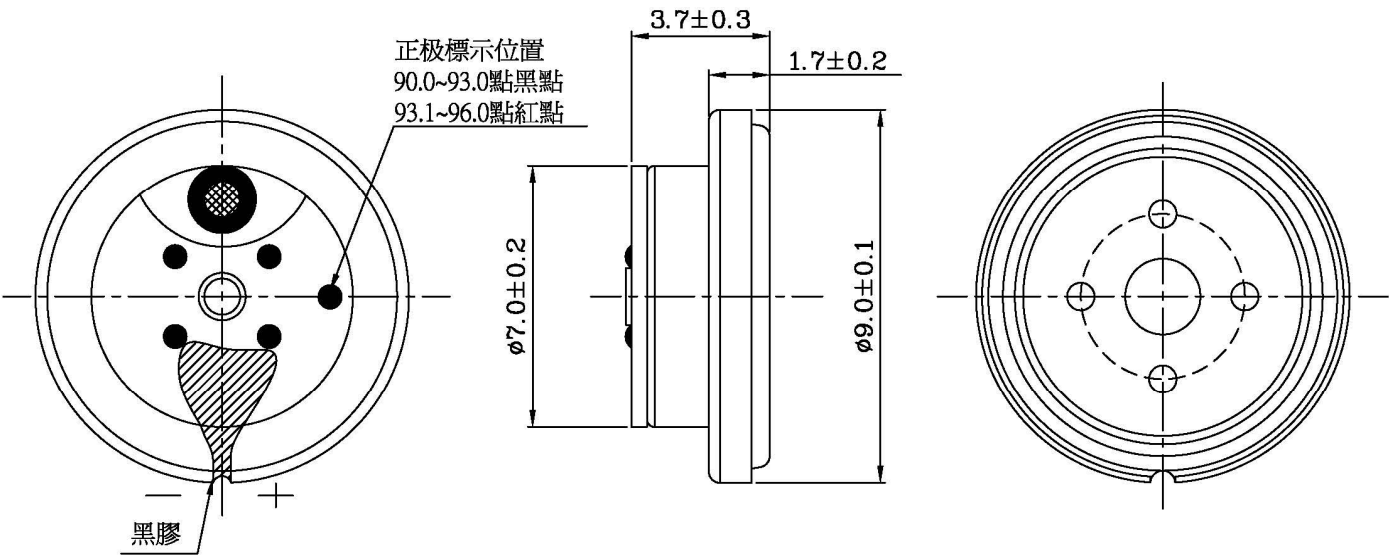
B. SPECIFICATION 規格

No.	Item	Symbol	Unit	Specification	Condition
1	Dimension 尺寸		mm	$\varphi 9.0 \times 3.7$	Refer to attached drawing in details
2	Rated power 額定功率		mW	5	Rated Power:IEC-60268-5 Filter 60s On/120s Off 3 Cycles (Room TEMP.)
3	Max. Input Power 最大輸入功率		mW	50	Maximum Power:IEC-60268-5 Filter 60s On/120s Off 10 Cycles (Room TEMP.)
4	Impedance 阻抗	Ω	ohm	$16 \pm 15\%$	At 1.5kHz
5	Insulation Impedance 絕緣阻抗		M Ω	10	At 100 V D.C. between the terminal and receiver basket
6	S.P.L. 音壓位準		dB	93 ± 3	At 1.0KHz 126mV with IEC318 Coupler (SPL 以 90 dB 為界,上 3 dB 和下 3 dB 分紅綠二檔,在包盤及外箱貼紅 色.綠色標籤標識,紅色為上限,綠 色為下限)
7	Frequency Range 有效頻寬		Hz	100~10K	
8	Distortion 失真		%	$\leq 5\%$	1 mW at1KHz
9	Operating temp. 操作溫度		°C	-20~+55	
10	Buzze & Rattle 異常音				Not be audible at 282mV sine wave between 300Hz ~ 4.0KHz 輸入 282mV 正弦波從 300Hz 到 4. 0KHz 之間無異常音.
11	Weight 重量		g	0.6	
12	Material 材質			Metal	
13	Environmental Protection Regulation 環保法規			RoHS	

C. TYPICAL FREQUENCY RESPONSE CURVE 頻率響應曲線



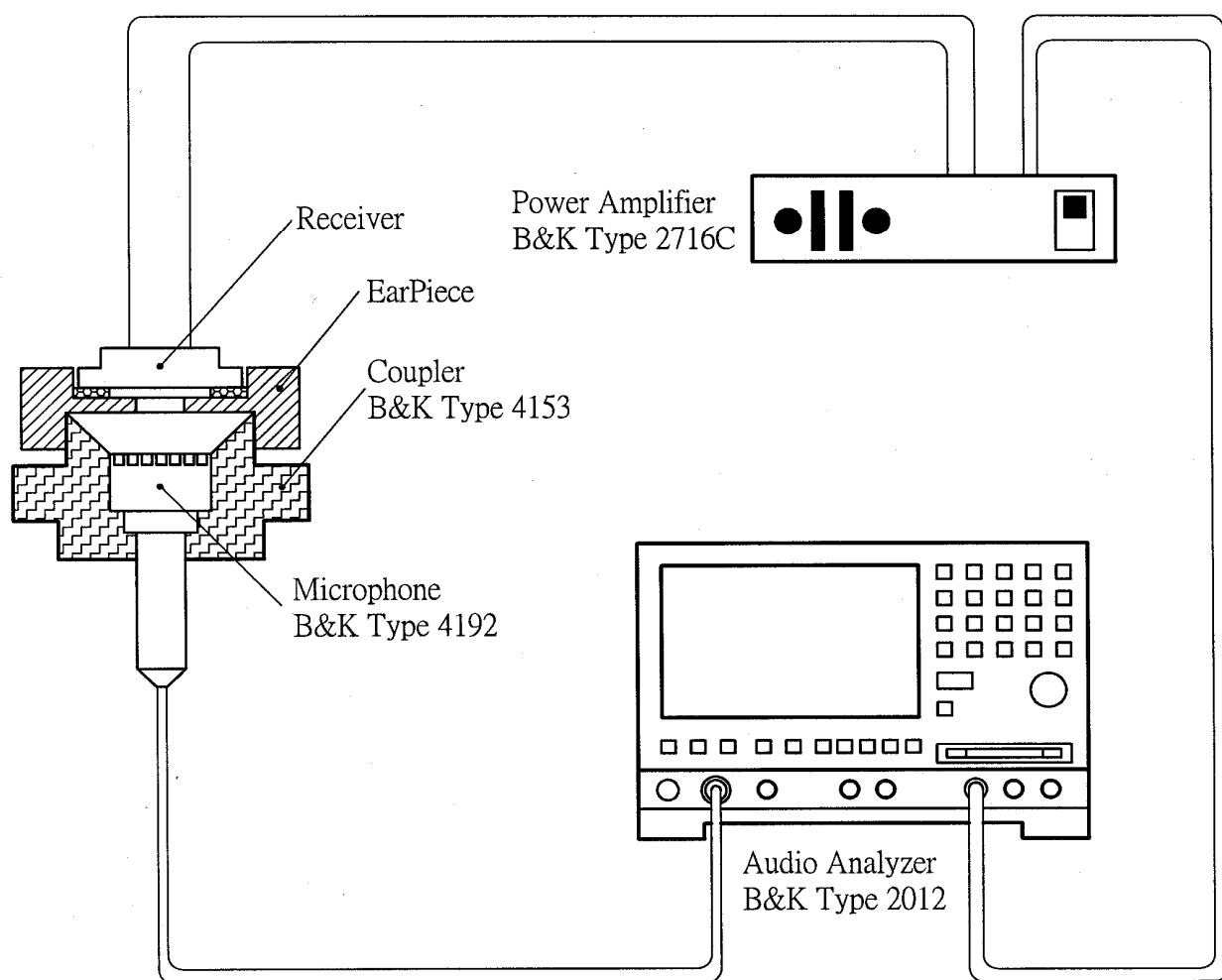
D. APPEARANCE DRAWING 外觀尺寸



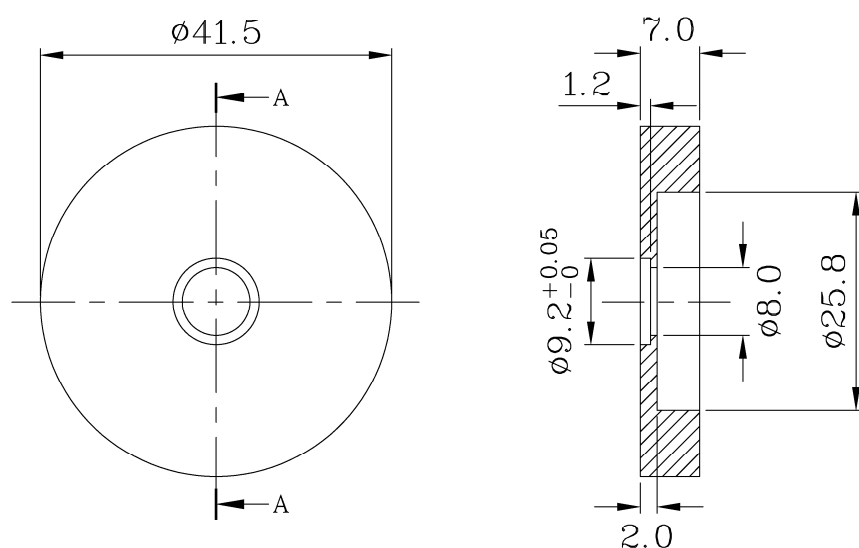
Tol: ± 0.2

Unit: mm

E. MEASUREMENT METHOD 測量路線



Receiver 測試治具



Tol: ± 0.2
Unit: mm

F. ENVIRONMENT TEST 環境測試

No.	Item	Test conditions	Evaluation standard
1	High temp. Test 高溫測試	After being placed in a chamber at +60°C for 178 hours 置於+60°C環境中 178 小時	Being placed for 6 hours at +25°C, speaker shall be measured. No obstacle to be harmful to normal operation; damages, cracks, rusts, etc. Should not be audible at 282mV sine wave between 300Hz ~ 4.0KHz. deviation of unit should be within $\pm 3\text{dB}$ 經測試後，靜置於+25°C（室溫）環境中 6 小時後，測試後無任何障礙防礙正常操作。且在輸入 282mV 正弦波從 300Hz 到 4.0KHz 之間無異常音。輸出音壓變化量在 $\pm 3\text{dB}$ 內。
2	Low temp. Test 低溫測試	After being placed in a chamber at -10°C for 178 hours. 置於-10°C環境中 178 小時	
3	Humidity test 相對濕度測試	After being placed in a chamber at +40°C and 95 $\pm$ 5% RH relative humidity for 178 hours. 置於+40°C，相對濕度 95 $\pm$ 5%環境中 178 小時	
4	Thermal shock test 溫度沖擊	After carrying out four cycle test(one cycle=conditioning of the headphone at -20°C for one hour and then at 60°C for one hour).leave it at the normal temperature for one hour and make the measurement. 單體承受溫度循環測試 4 周期，其循環內容為：先在-20°C下放置一個小時，然后再 60°C下放置一個小時。	

TEST CONDITION.

Standard Test Condition : a) Temperature : +5 ~ +35°C b) Humidity : 45-85% c) Pressure : 860-1060mbar
一般測試條件 : a) 溫度 : +5 ~ +35°C b) 濕度 : 45-85% c) 氣壓 : 860-1060mbar
Judgement Test Condition: a) Temperature : +25 $\pm$ 2°C b) Humidity : 60-70% c) Pressure : 860-1060mbar
爭議時測試條件 : a) 溫度 : +25 $\pm$ 2°C b) 濕度 : 60-70% c) 氣壓 : 860-1060mbar

G. PACKING STANDARD 包裝規格

