

ADD: 1# Building,B3 District,Fu Hai Industrial Zone,Fu Hai Road, Fu Yong Town,
BaoAn District,Shen Zhen,P.R.C

TEL:(86 755) 2960 6988 FAX:(86 755) 2960 6838 E-mail: wabony@wabony.com

DATE:2007-7-31

FILE NO.:WBN-COP03-FOR/02

SAMPLE APPROVAL

ITEM: SPEAKER

MODEL: MD40B-E50-RC02 (50 Ω 0.3W)

CUSTOMER: _____

REMARK : ROHS & WEEE COMPLIANCE PLATING+3CHROMIUM

CONTENTS:

1. SPECIFICATION
2. RESPONSE CURVE
3. DRAWING
4. PACKING



ISO 9001:2000 with TL9000-H

	PREPARED	CHECKED	APPROVED
SIGNATURE			
DATE			

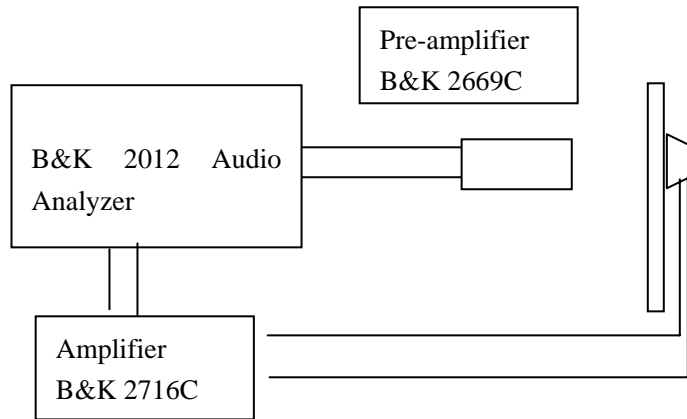
<u>1.RATED IMPEDANCE</u>	50 Ω ± 15 %	2K Hz
<u>2.RATED RESONANT FREQUENCY (f₀)</u>	500 ± 20 %	0.5 V
<u>3.RATED CHARACTERISTIC SENSITIVITY GRADE</u>	80±3dB 0.3 m (At 1000,1200,1500,2000Hz Average)	2.7 V
<u>4.RATED FREQUENCY RANGE</u>	f ₀ ~8K Hz	2.7 V
<u>5.RATED HARMONIC DISTORTION</u>	< 7 % At 1000 Hz	2.7 V
<u>6.APPEARANCE NORMAL</u>	@ A.T. 15~35°C, H.M. 25~75%, B.P. 86~106kPa	
<u>7.BUZZES & RATTLES NO APPEARANCE</u>	@ 0.3m with SIN wave from 100Hz to 2KHz input/rated noise power	
		2.7 V
<u>8.RATED NOISE POWER</u>	0.3 W	
	@ Rated noise Power operating continuously for 100 hours	
		2.7 V
<u>9.RATED LONG-TERM MAXIMUM POWER</u>	0.5 W	
	@ Simulant program signal for 1 min on & 2 min off, cycling for 10 times	
		3.5 V
<u>10.HIGH-TEMPERATURE LOADING & STORAGE</u>	Meet requirements of appearance、buzzes & rattles after test	
	@ ¼ rated noise Power /55±2°C operating for 16 hours then depositing for 2 hours at constant temperature, completing testing within 1 hour after withdrawing	
		1.9 V

NO	DATE	DUE TO	NEW STATUS		SIGNATURE
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SPECIFICATION			MODEL NO.	MD40B-RC0250	
ISSUED DATE	2007-7-31				
REVERSION	A				

<u>11.STATIC HUMIDITY/TEMPERATURE</u>	Meet requirements of appearance、buzzes & rattles、 insulation resistance、
bearing voltage after test	@ A.T. $40 \pm 2^{\circ}\text{C}$, H.M. $93 \pm \frac{2}{3}\%$ depositing for 48 hours, then resuming @ normal atmosphere conditions (GB/T9396-1996 4.2) for 24 hours
<u>12.LOW-TEMPERATURE LOADING & STORAGE</u>	Meet requirements of appearance、 buzzes & rattles,,solderability after test @ $\frac{1}{4}$ rated noise Power $-10 \pm 3^{\circ}\text{C}$ operating for 1 hours, depositing @ $-25 \pm 3^{\circ}\text{C}$ for 2 hours, then resuming at normal atmosphere conditions (GB/T 9396-1996 4.2) for 4 hours
	1.9 V
<u>13.SCANNING VIBRATION</u>	(GB/T 9397-1996-4.5.1)
<u>14.SLIDING SHOCK</u>	(GB/T 9397-1996 4.5.2)
<u>15.COLLISION</u>	(GB/T9397-1996 4.5.3)
<u>16.FREE FALLING</u>	(GB/T 9397-1996 4.5.4)
<u>17.INSULATION RESISTANCE</u> $> 1 \text{ M}\Omega$	@ $100\text{V} \pm 10\%$ D.C.
<u>18.BEARING VOLTAGE</u>	NO APPEARANCES OF SHORT AND/OR STRIKING @ $100\text{V}/50\text{Hz}$ A.C. for 1 min.
<u>19.SOLDERABILITY</u>	NORMAL @ Normal atmosphere conditions (GB/T 9396-1996 4.2)
<u>20. WEIGHET</u>	10.0g

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Typical test connect:

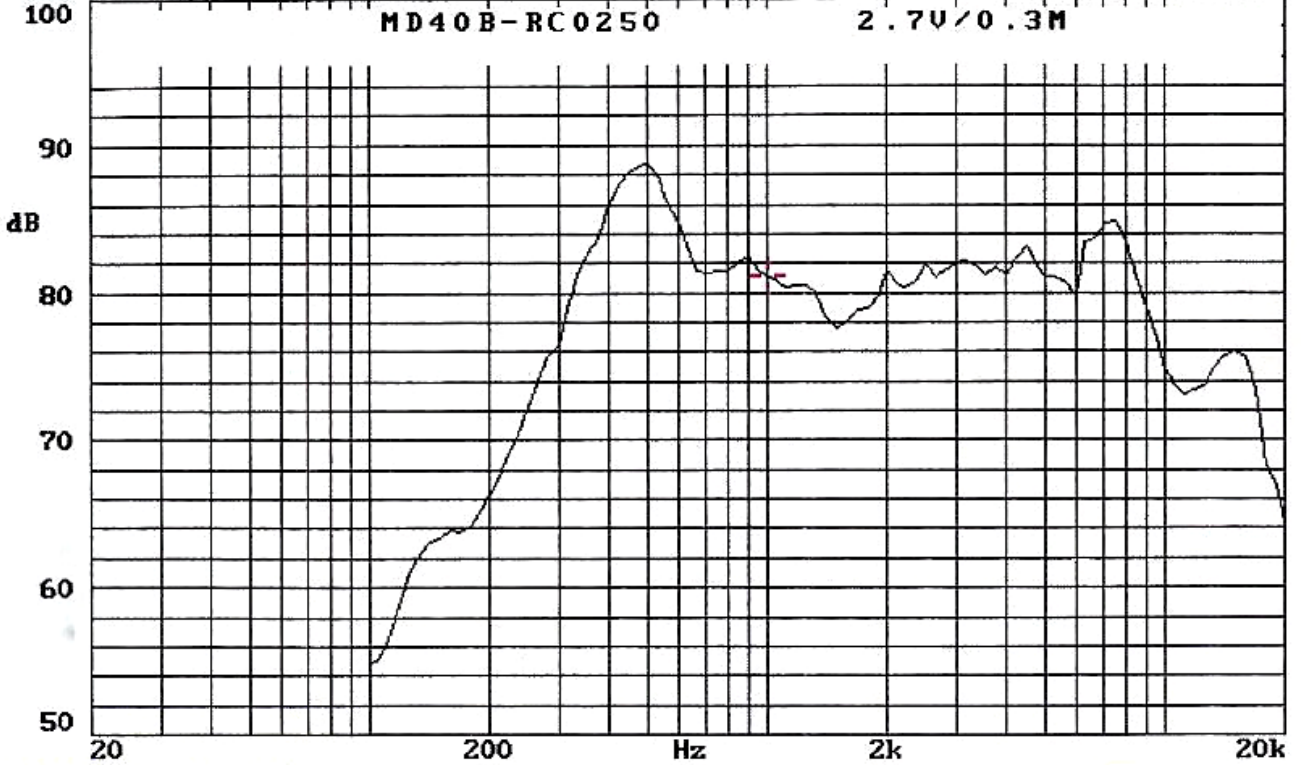


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Typical Frequency Response Curve :

X:1.0000kHz *Y:81.20dB ZA:3.0000 SSR Fund.

A: Frequency Response, Magn dB re 20.00µPa



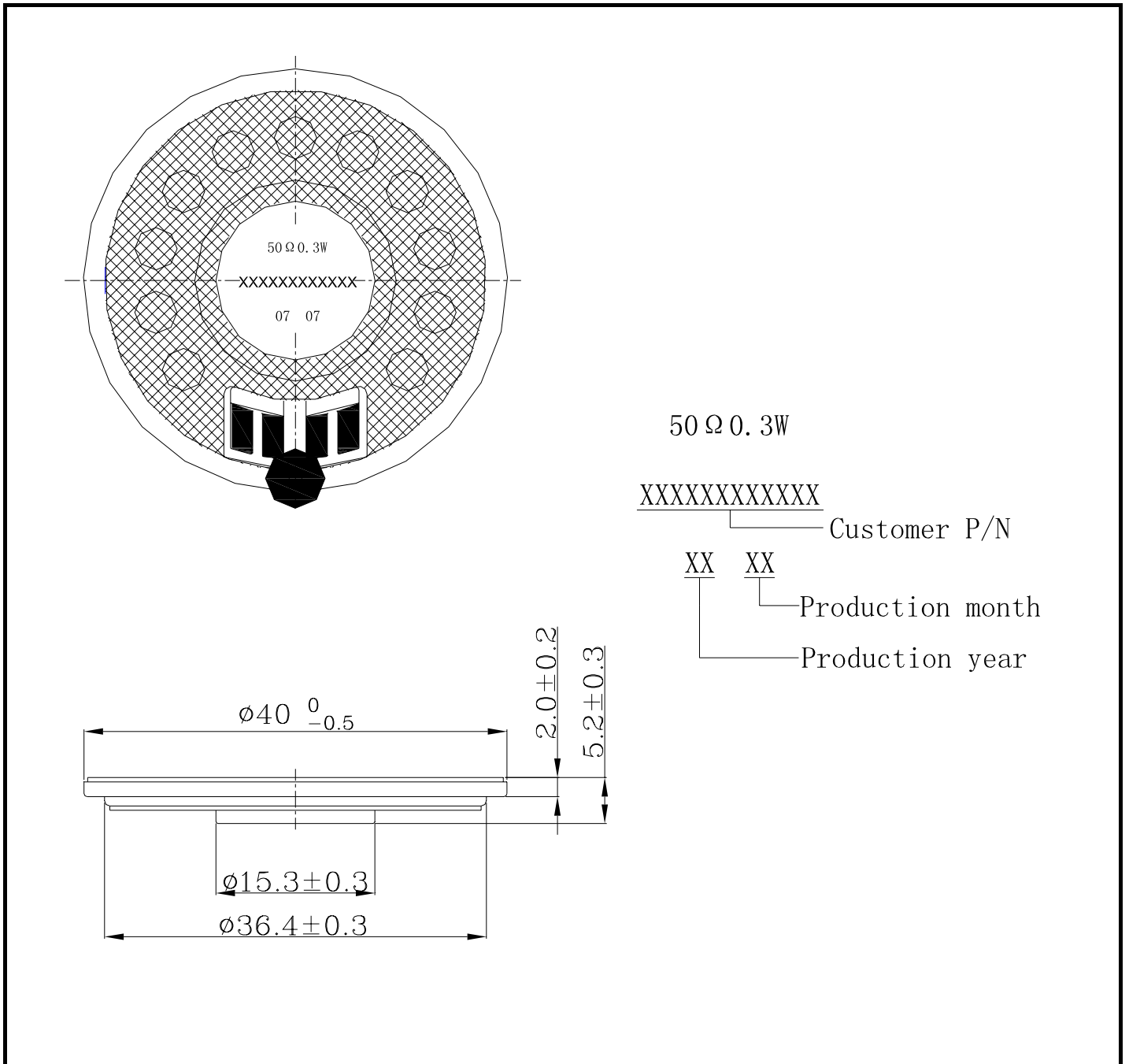
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Mode: SSR



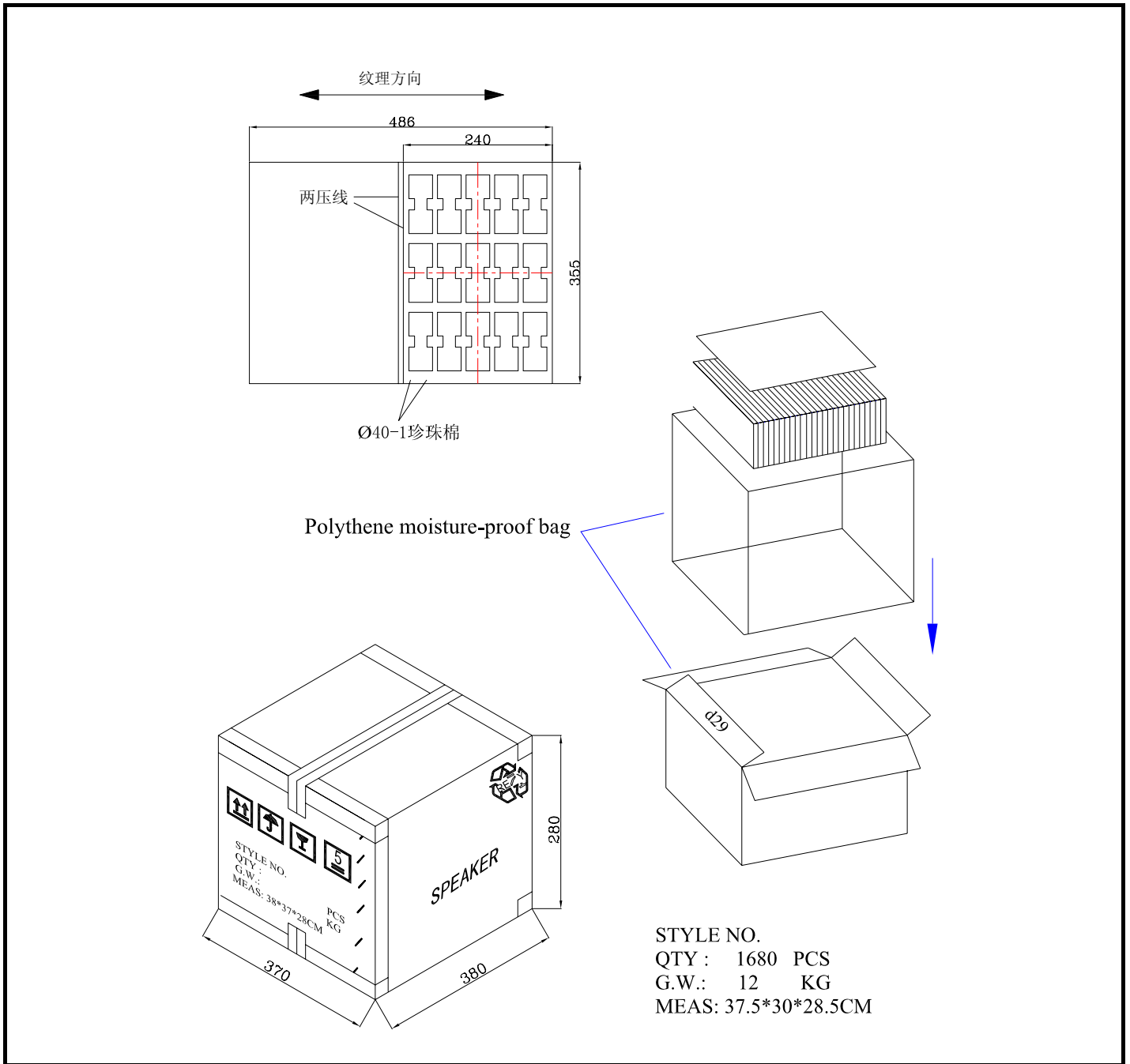
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Outer dimension:



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Packaging:



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