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1.2	2017/8/3	8	增加标贴	
1.1	2017/1/20	8	接线板打保护胶	
1.0	2016.04.01	8	Primary	
Rev.	DATE	PAGE	DESCRIPTION	SIGN

Revision

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1. Scop

This specification is applied to the dynamic speaker which is used all of the electrical acoustic product.

-- compact, rich sound

-- applications: mobile phone, PDA, notebook computer, etc. ..

2. General

2.1 Out-Diameter: 50 mm

2.2 Height: 17 mm

2.3 Weight: 55g

2.4 Operating Temperature range:

-20~+60°C without loss of function

2.5 Store Temperature range:

-30~+70°C without loss of function

3. Electrical and Acoustic Characteristics

Test condition: 15 ~ 35 °C, 25% ~ 85% RH, 860~1060 mbar

	Item	Specification	
3.1	Impedance	16Ω±15%(1Vrms at 1000Hz)	
3.2	Sound Pressure Level	85min dB @ 1w/1m	
		at 2.5-3.5KHz AVG (at25℃)	
3.3	Resonance Frequency	600Hz±20%	
3.4	Frequency Range	F ₀ ~5KHz	
3.5	Input Power	Rated 3W/Max. 4W	
3.6	3.6 Distortion <10% Max. at 2kHz/2Vrms		
3.7	3.7 Buzz and Rattle Should not be audible buzzes, rattles wh		
		9.8 V sine wave signal swept at frequency	
		range.	
3.8	Polarity	When supplied plus D.C. voltage to (+)	
		terminal, the cone diaphragm must move to	
		forward.	

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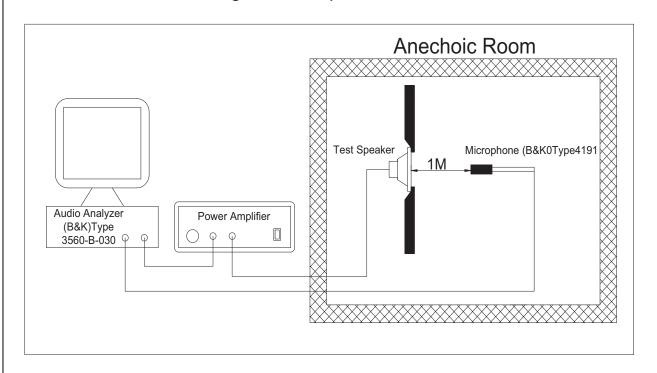
4. Reliability Test

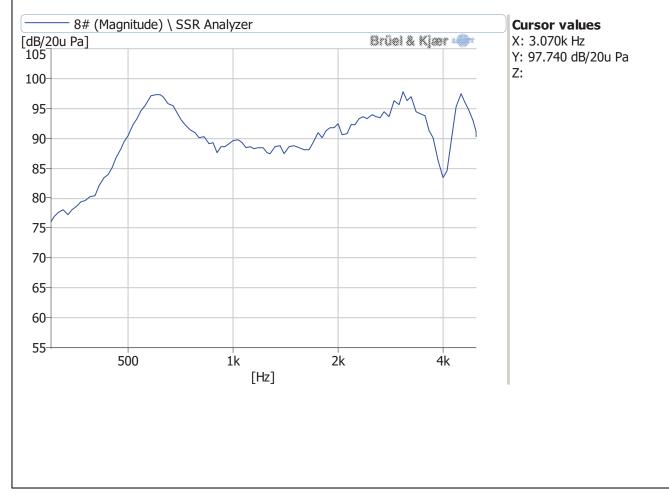
After test(1~7item), the speaker S.P.L . difference shall be within ±3dB, and the appearance not exist any change to be harmful to normal operation(e.g. cracks,rusts,damages and especially distortion).

	Item	Specification
4.1	High Temperature Test	no function at +70 +/-2 oC for 96 hours, function at +60+/-2 oC for 16 hoursand then being placed in natural condition for 1 hour, speaker shall be measured.
4.2	Low Temperature Test	no function at -30+/-2 oC for 96 hours, function at -20+/-2 oC for 16 hours and then being placed in natural condition for 1 hour, speaker shall be measured.
4.3	Humidity Test	After being placed in a chamber with 90-95% R.H. at +40 \pm 5 $^{\circ}$ C for 48 hours and then being placed in natural condition for 1 hour, speaker shall be measured.
4.4	Thermal Shock Test	After being placed in a chamber at-20 °C for 30 min> +20 °C for 15 min> +60 °C for 30 min> +20 °C for 15 min. After 5 above cycles, speaker shall be measured after being placed in natural condition for 1 hour. $\begin{array}{cccccccccccccccccccccccccccccccccccc$
4.5	Vibration Test	After being applied vibration of amplitude of 1.5mm with 10 to50Hz band of vibration frequency to each of 3 perpendicular directions for 2 hour, then placed in natural condition for 1 hour, speaker shall be measured.
4.6	Drop Test	The speaker when mounted in the jig which weight 85g~100g, shall with stand 15 times random drops from a height of 1.5 meter to a concrete floor faced with 5mm thick hard wood board. and be nothing mechanical damage.
4.7	Load test	After being applied loading white noise with input power 3W (9.8Vrms.) for 96 hours, then placed in natural condition for 1 hour, speaker shall be measured.

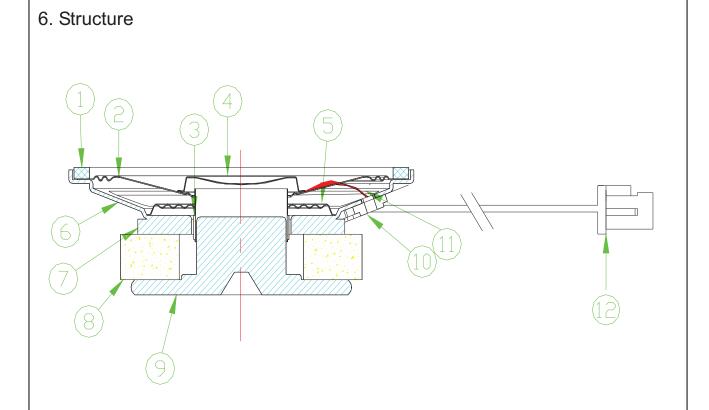
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5. Measurement Block Diagram & Response curve





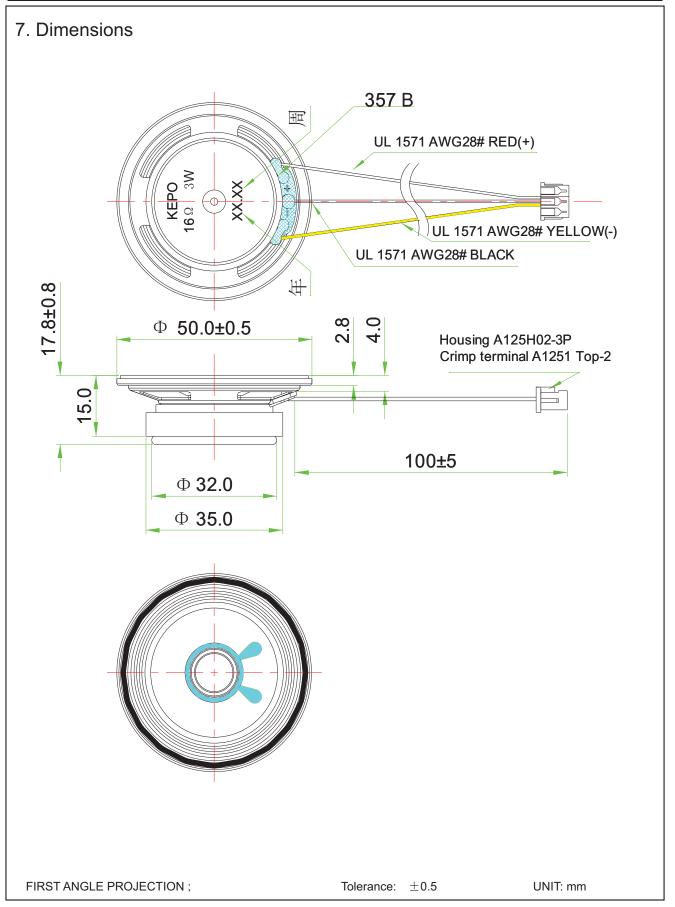
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Housing A125H02-3P Crimp terminal A1251 Top-2

12	Housing Ltowning			Housing A125H02-3P
12 Housing+ terminal				Crimp terminal A1251 Top-2
11	Wire	2	copper	
10	Terminal	1	Paper +copper	
9	T yoke	1	SPCC	
8	Magnet	1	Y30	
7	Top plate	1	SPCC	
6	Frame	1	SPCC	
5	Spider	1	Cotton Yarn	
4	Dust Cap	1	PET	
3	Voice Coil	1	Kraft Paper	
2	Cone	1	PET	
1	Gasket	1	Paper	
No.	Part Name	Q'ty	Material	Remarks

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8. Packing

Each minimum package unit of products shall be in a carton box and it shall be clearly marked with Part Number, quantity and outgoing inspection number.





每盒: 28pcs





每箱 7盒

每箱: 196 pcs

外箱尺寸: 440X290X220mm

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外箱贴纸 贴正唛右上角

Ship to: Ship From: Honeywell EP COE NINGBO KEPO ELECTRONICS 12220 Rojas Drive CO.,LTD Dock Door 5 No.25 Baoyuan Road Dongqian **EL PASO TX 79936** Lake, Industry Area, **United States** Dongqian town, Ningbo City, China (Post Code: 315121) Description: 50mm*17.8mm/ Speaker Part Number: Unit of Measue: Quantity: Country of Origin: Package: Manufacturer: X of X **KEPO** Manufacturer Part: Purchase order Number: Weight: Kg

内盒 贴纸

