

Specification for Speaker	Page	3/9
	Revision No.	1.1
Model No. : KP2848SP5C260-6765	Drawing No.	KFC6765

CONTENTS

1. Scope
2. General
3. Electrical and Acoustic Characteristics.
4. In stallation/Treatment
5. Reliability Test
6. Measurement Block Diagram & Response curve
7. Structure
8. Dimensions
9. Packing

顧客品質目標：5 0 PPM

Specification for Speaker	Page	4/9
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1. Scope

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 : 28 mm
- 2.2 Height : 4.6 mm
- 2.3 Weight : 5.5 g
- 2.4 Operating Temperature range:
-20~+85℃ without loss of function
- 2.5 Store Temperature range:
-25~+85℃ without loss of function

3. Electrical and Acoustic Characteristics.

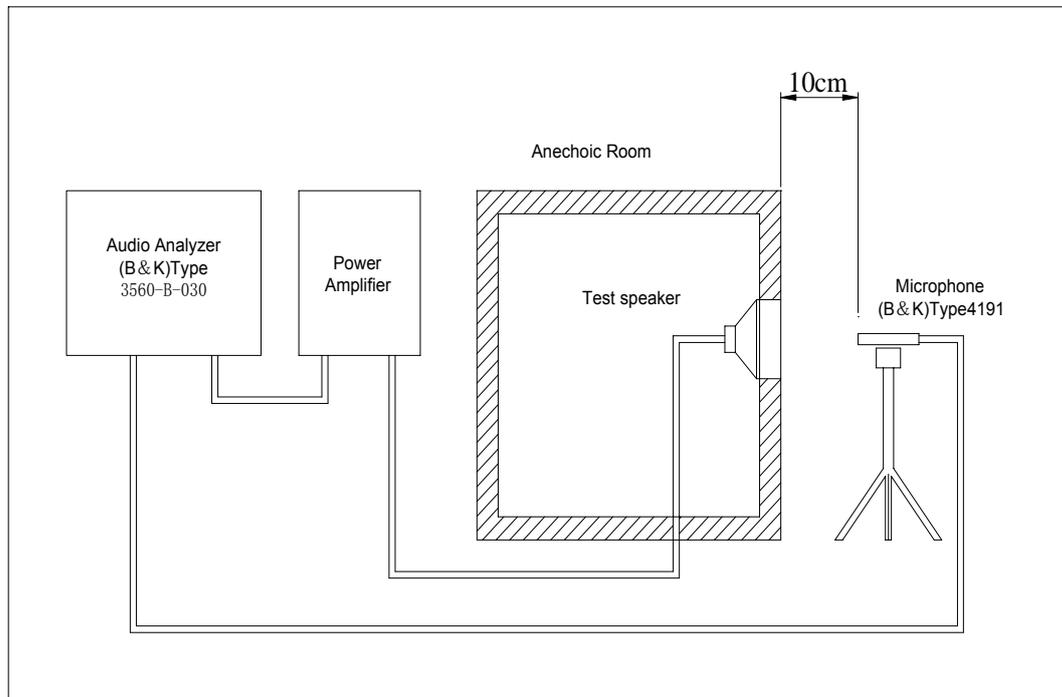
Test condition : 15 ~ 35 ℃, 25% ~ 85% RH, 860~1060 mbar

No	Items	Specification
1	Impedance(全检)	8 Ω ± 15% (1Vrms at 2.0KHz)
2	Sound Pressure Level(全检)	80 dB ± 3dB (1W/1M at average 1.0, 1.2, 1.5, 2.0kHz)
		90 dB ± 3dB (0.1W/0.1M at average 1.0, 1.2, 1.5, 2.0kHz)
3	Resonance Frequency(全检)	550 Hz ± 20%
4	Frequency Range(全检)	Fo ~6KHz
5	Input Power(全检)	Rated 0.5 W/ Max. 1 W
6	Distortion(全检)	<10% Max. at 2kHz/1Vrms
7	Buzz and Rattle(全检)	Should not be audible buzzes,rattles when the 2V sine wave signal swept at frequency range.
8	Polarity (全检)	When supplied plus D.C. voltage to (+) terminal, the cone diaphragm must move to forward.

4.Installation/Treatment

1,Surroundings:The speakers are magnetic unit, so they may draw metal pieces or screws within it. Especially, solder wastes or lead wires may cause some noise when it attaching with the cone paper. To avoid this, please keep the surroundings of the speaker units clean. For micro speaker, please do not pile up each speakerunit or touch the front cone paper by some metal piece. These may cause damages of the voice coils and the lead wires, deformation, disconnection of wires, buzz sound and low sound.

6. Measurement Block Diagram & Response curve



[dB/20.0u Pa]

Output Response (Signal) - Input (Magnitude)

Working : Input : Input : SSR Analyzer



Specification for Speaker

Page

7/9

Revision No.

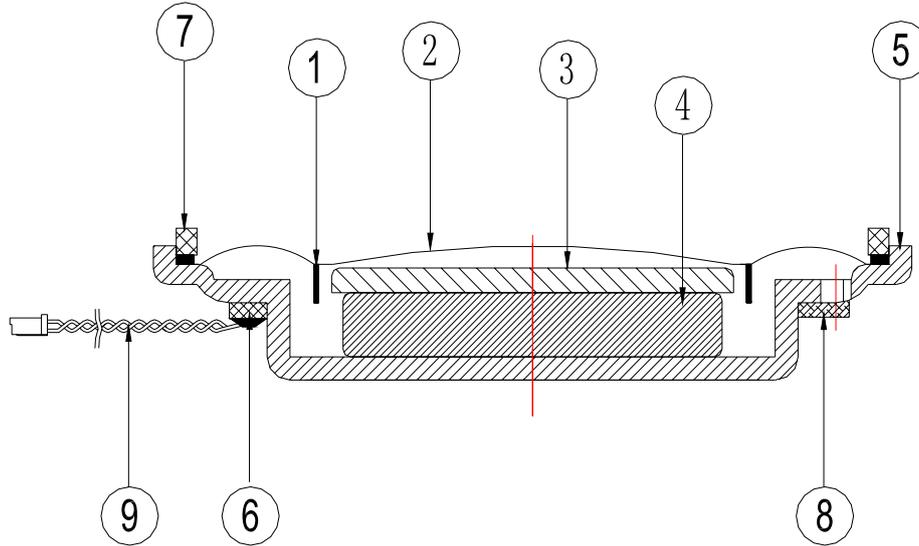
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Model No. : KP2848SP5C260-6765

Drawing No.

KFC6765

7. Structure



13	SpeedBonder		326	Loctite
12	Bond	-	H-357B	Taiwan quanding
11	Bond	-	1521	Three bond
10	Solder		Sn96.5//Ag3//Cu0.5	Ningboxihanhanliao
9	Connector ass'y	1	(+) UL1007LF AWG28# Red (-) UL1007LF AWG28# Black HOUSING:JST PHR-2 CONTACT:JST SPH-002T-P0.5S	Ridong dianxian
8	Screen	1	unwoven fabric	Jiaxing xutai dianzi
7	Gasket	1	Paper	Haojie diansheng
6	Terminal	1	PCB	Suzhou yitong dianzi
5	Frame	1	SPCC	Haiyan yongxing
4	Magnet	1	Nd-Fe-B	Suzhou wanci
3	Plate	1	SPCC	Guang dong weijia
2	Diaphragm	1	Mylar	Ningbogaoyong
1	V-coil	1	Copper	Daikoku
No.	Part Name	Q'ty	Material	Remarks

Specification for Speaker

Page

8/9

Revision No.

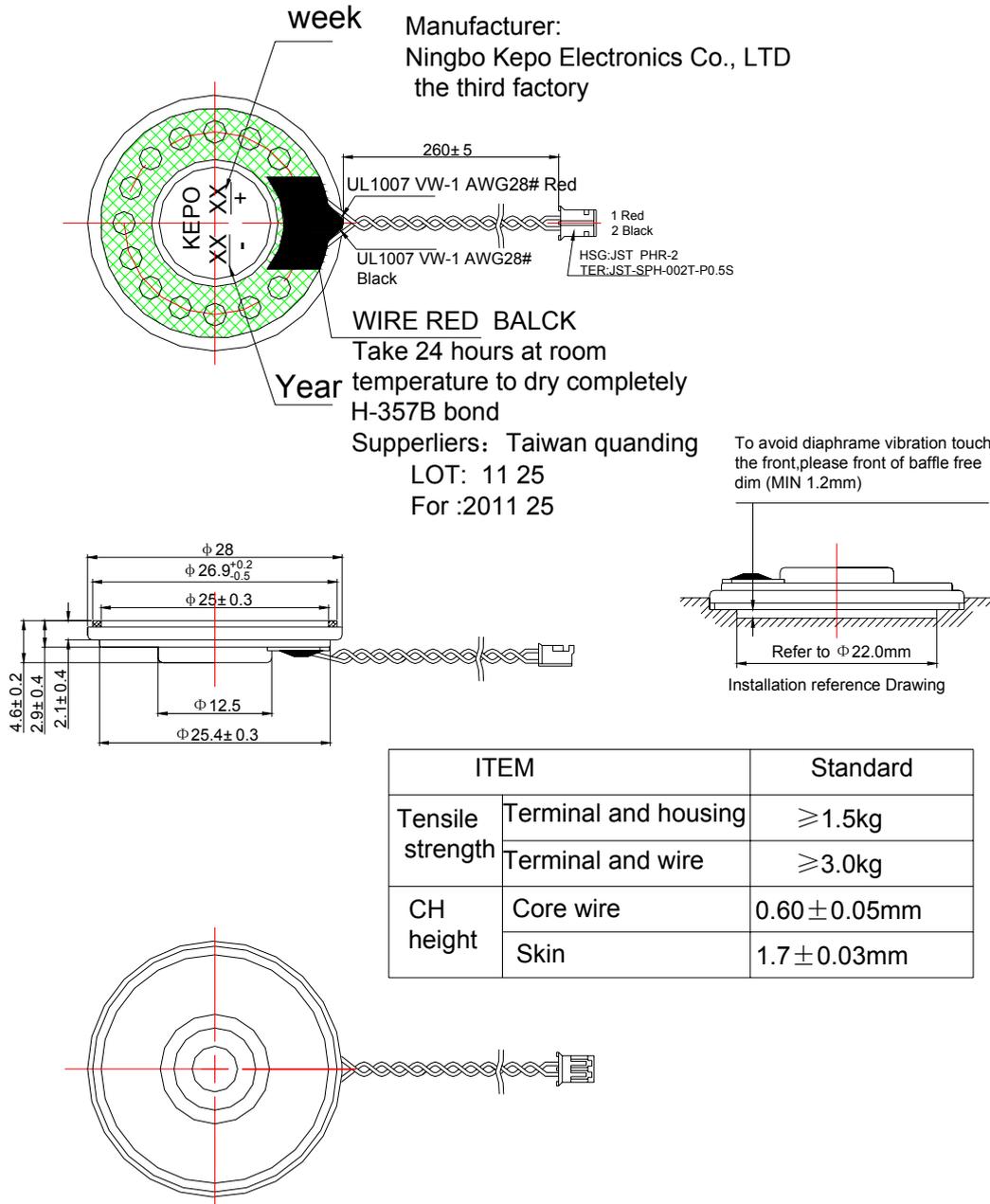
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Drawing No.

KFC6765

8. Dimensions



FIRST ANGLE PROJECTION



UNIT : mm

Tolerance : ± 0.2

Specification for Speaker

Page

9/9

Revision No.

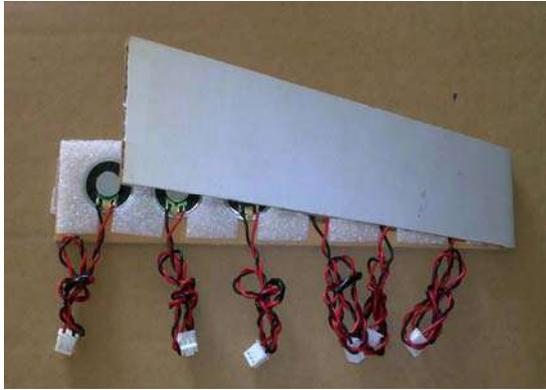
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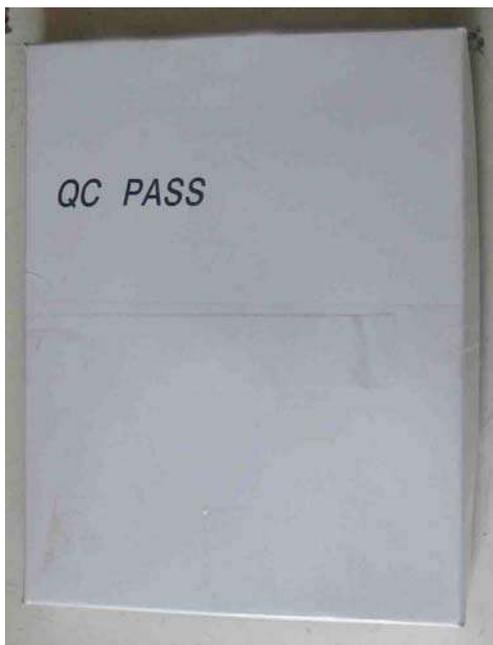
9. Packing



每条6PCS



每盒装8条



每盒48PCS



每箱装16盒

侧吸贴标贴，标贴内容如下

爱普生部品编码: 2150776-00
KEPO型号: KP2848SP5C260-6765
LOT NO: xx xx
(年周, 根据喇叭本体上印字的LOT NO)
生产日: XX XX XX
(年月日根据打包日期)