

SPECIFICATION

Micro Dynamic Speaker

RoHS Compliance & Halogen Free

Product : 15*11*2.5 SPK
GETTOP P/N : SAS151125PDxx(xx is Serial Number)
Version : P0

Designed by	Checked by	Confirmed by	Approved by	Released date
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CUSTOMER APPROVAL

ISO/TS 16949 : 2009
ISO 9001 : 2008
ISO 14001: 2004+Cor1 : 2009
BS OHSAS 18001 : 2007
QC080000 :2005



Revision History

Date	Version	Description	Controller
2025-05-13	P/0	Initial Release	Zhangjianfeng

CONTENTS

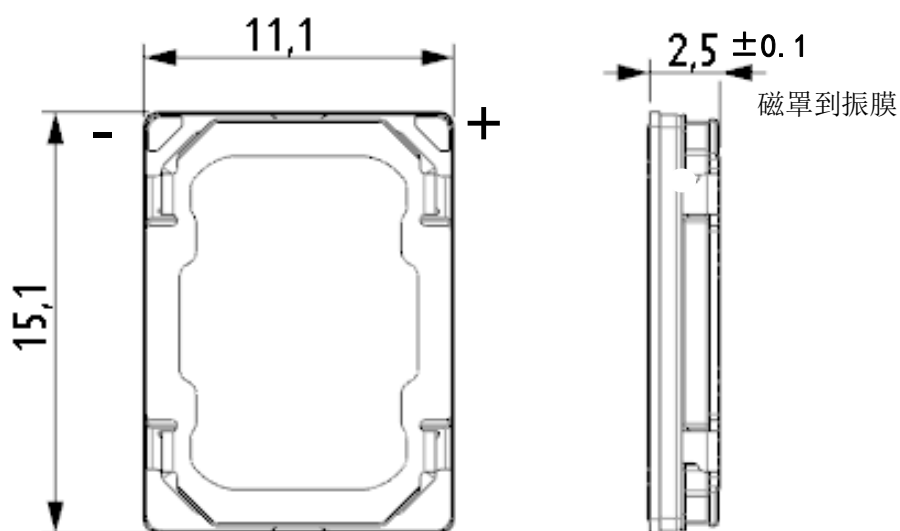
1. SCOPE	4
2. MECHANICAL SPECIFICATIONS	4
2.1 2D	4
2.2 External view	4
3. ELECTRO-ACOUSTIC SPECIFICATIONS	5
3.1 Typical Parameter	5
3.2 Typical Frequency Response	5
3.3 THD	6
3.4 HOHD	7

1. Scope

This specification is the basic technical specification for SAS151125PDxx products of Gettop Acoustic Co.,Ltd, the device meets ROHS、REACH and other environmental requirements,the Control of hazardous substances meets the requirements of Gettop's latest of "Environmental Management Material Standard".

2. Mechanical Specifications

2.1 2D

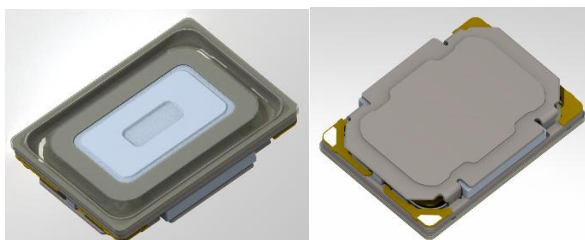


Dimension

Note:

- 1、“*” is key dimension; Unit: mm
- 2、Tolerance general unless otherwise $\pm 0.2\text{mm}$

2.2 External view



3. Electro-Acoustic Specifications

3.1 Typical Parameter

No.	Parameter	Technical Specifications	Conditions	Unit
1	Rated DC Resistance	6±10%		Ω
2	Rated AC Resistance	6.8±15%	@2kHz, At rate power	Ω
3	Sound Pressure Level 1	93.5±3	@ 2kHz/2.65V/10cm SC baffle in 0.8cc back case	dB
4	Sound Pressure Level 2	88±3	@ 500Hz/2.65V/10cm SC baffle in 0.8cc back case	dB
5	Maximum Continuous noise Power	1	in 0.8cc box	W
6	Maximum Short Term Power	1.5	in 0.8cc box	W
7	F0	740±10%	At rate power 25℃, in 0.8cc	Hz

3.2 Typical Frequency Response

Test condition: sine wave, 100~20KHz, 1/12 OCT, 2.65V;0.8cc back case, baffle

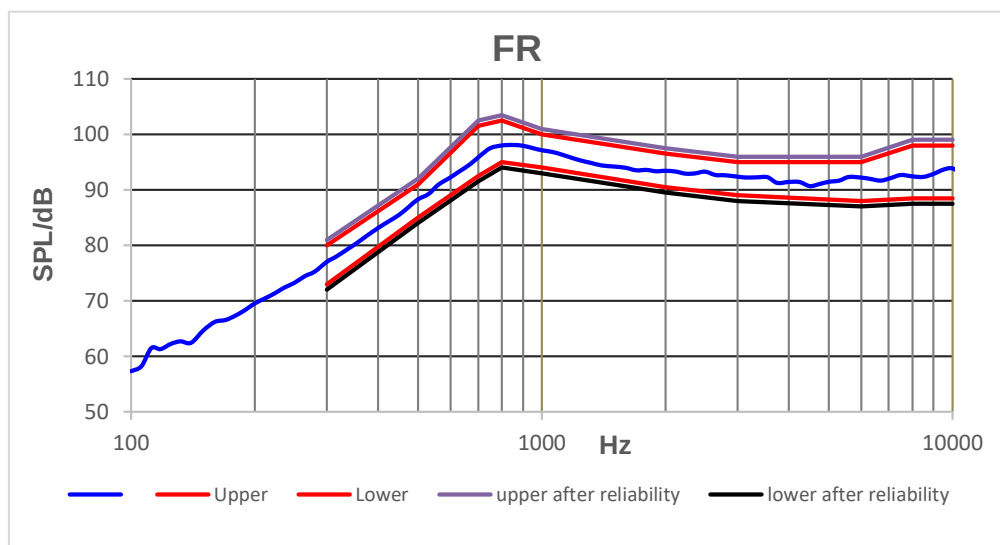


Fig Typical Frequency Response

	Before reliability upper-limit	After reliability- upper-limit	Before reliability lower limit	After reliability- lower limit
300	80	81	73	72
500	91	92	85	84
700	101.5	102.5	92.5	91.5
800	102.5	103.5	95	94
1000	100	101	94	93
2000	96.5	97.5	90.5	89.5
3000	95	96	89	88
6000	95	96	88	87
8000	98	99	88.5	87.5
10000	98	99	88.5	87.5

3.3 THD

Test condition: sine wave, 100~20KHz, 1/12 OCT, 2.65V;0.8cc back case,
baffle,2-5 THD

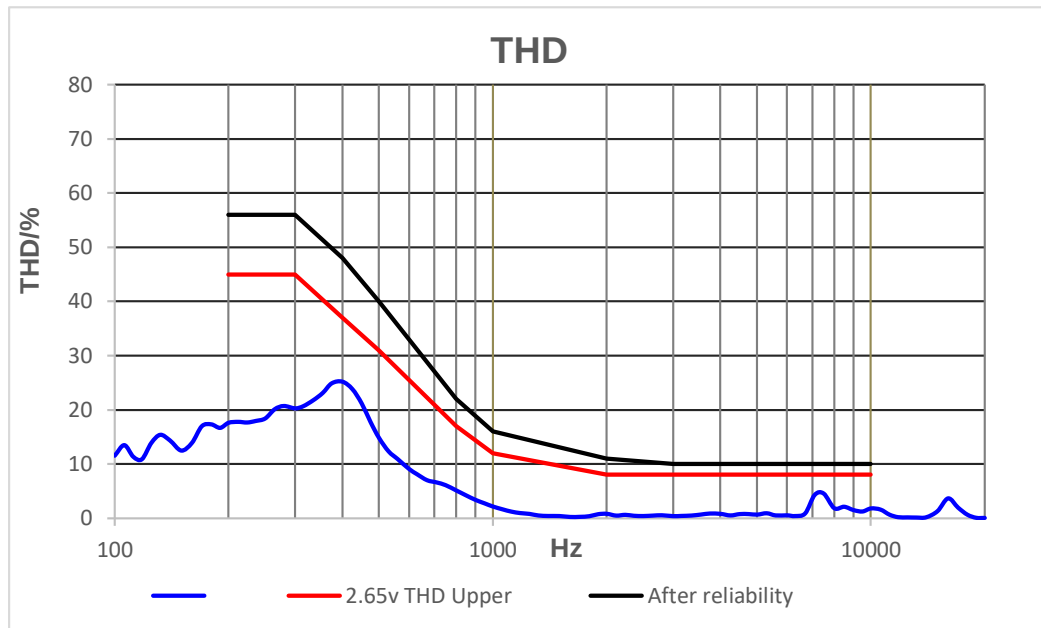


Fig THD curve

	2.65v THD Upper	After reliability
200	45	56
300	45	56
400	37	48
500	31	40
800	17	22
1000	12	16
2000	8	11
3000	8	10
4000	8	10
6000	8	10
7000	8	10
10000	8	10

3.4 HOHD

Test condition: sine wave, 100~20KHz, 1/12 OCT, 2.65V;0.8cc back case,
baffle,10-35 THD

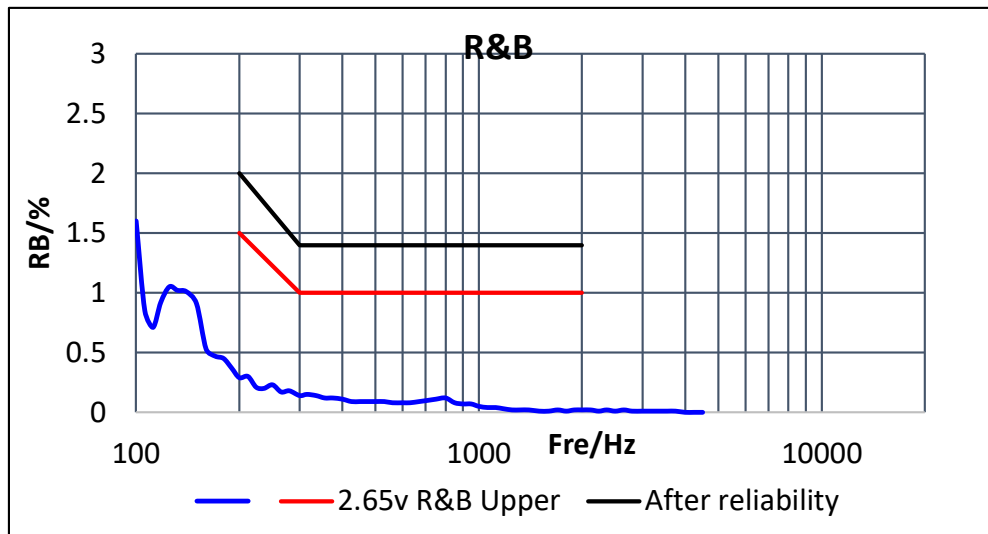


Fig HOHD curve

	2. 65v R&B Upper	After reliability
200	1.5	2
300	1	1.4
2000	1	1.4