

規格承認書

PECIFICATION FOR APPROVAL

客戶

CUSTOMER :

項目

ITEM : 腔体喇叭 側出音

型號

TYPE : GSPK3611053BOXR-8R1W-L200S-1.25T

描述

DESCRIPTION : L36*W10.8*H5.3mm L200mm 8ohm 1.0W S.P.L: 89dB+/- 3dB

客戶料號

CUSTOMER NO. :

規格書號

SPECIFICATION NO. :

版本

EDITION NO. : V1.0

日期

DATE : 2023-9-20

客戶承認

CUSTOMER CONFIRM AND SIGN

檢查 TESTED BY	審核 CHECKED BY	承認 APPROVED BY

東莞市贏海電子有限公司

DONGUAN INGHAI ELECTRONICS CO.,LTD

製作 ISSUED BY	審查 CHECKED BY	確認 APPROVED BY
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網址: [HTTP://WWW.INGHAI.COM](http://www.inghai.com)

		MODEL NO.	8 Ω 1W-Pin350 -1.25 红黑端子绞线	P1/6
SPECIFICATION				
ISSUED DATE	2020-06-06			
REVERSION	005A	UPDATE	0	
<p>1. SCOPE This specification covers our product of dynamic speaker unit for mobile telephone use.</p> <p>2. MECHANICAL LAYOUT & DIMENSIONS Shown in Fig.5</p> <p>3. GENERAL REQUIREMENTS</p> <p>3.1 OPERATING TEMPERATURE RANGE: -20°C ~ +60°C</p> <p>3.2 STANDARD TEST CONDITIONS:</p> <p>Temperature: 17~25°C</p> <p>Relative Humidity: 45%~80%(RH)</p> <p>Air Pressure: 860~1060 hPa</p> <p>3.3 JUDGEMENT CONDITIONS:</p> <p>Temperature: 20±2°C</p> <p>Relative Humidity: 60%~70%(RH)</p> <p>Air Pressure: 860~1060 hPa</p> <p>4. SPEAKER MODE</p> <p>4.1 SOUND PRESSURE LEVEL</p> <p>89±3dB SPL @1.0,1.2,1.5,2.0KHz in average (0dB SPL=20μPa)</p> <p>Measuring condition: 0.1W (Sine wave) 10cm measured with baffler shown in Fig.1.</p> <p>4.2 IMPEDANCE: 8±15%Ω (@2KHz 1V) without baffler.</p> <p>4.3 MEASURING DIAGRAM: Shown in Fig.1.</p> <p>4.4 TYPICAL FREQUENCY RESPONSE CURVE: Shown in Fig.2.</p> <p>4.5 RATED POWER: 0.8W. MAX POWER: 1.0W</p> <p>4.6 RESONANCE FREQUENCY (F0): 800±20%Hz @ Fo ~ 10KHz (By Output S.P.L. -10dB)</p> <p>4.7 DISTORTION: Less than 5%, At 1.6KHz ,2.0 Vrms</p> <p>4.8 BUZZ RATTLE: Sine wave between at 2.83 Vrms / 50~5000Hz</p>				
NO	DATE	DUE TO	NEW STATUS	
			REVISION	UPDATE
			SIGNATURE	

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2					
3					
SPECIFICATION		MODEL NO.	8 Ω 1W-Pin350		P2/6
ISSUED DATE	2020-06-06		-1.25 红黑端子绞线		
REVERSION	005A	UPDATE	0		

■ **FREQUENCY MEASURING CIRCUIT (SPEAKER MODE) (Fig.1)**

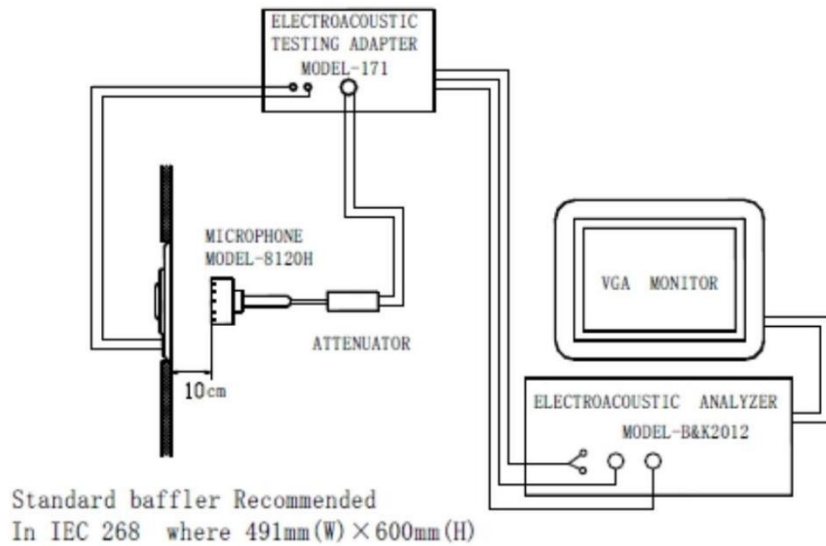


Fig.1 Illustration of measuring diagram (speaker mode)

■ **TYPICAL FREQUENCY RESPONSE CURVE (SPEAKER MODE) (Fig.2)**



Fig.2 Typical frequency response curve (speaker mode)

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			REVISION	UPDATE	
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SPECIFICATION		MODEL NO.	8 Ω 1W-Pin350		P3/6
ISSUED DATE	2020-06-06		-1.25 红黑端子绞线		
REVERSION	005A	UPDATE	0		
5. RELIABILITY TESTS					
<p>The sound pressure as specified shall neither deviate more than $\pm 3\text{dB}$ from the initial value, nor any significant damage after any of following testing.</p>					
5.1 HIGH TEMPERATURE TEST					
High temperature:	+70±2°C		Duration:	96 hours	
5.2 LOW TEMPERATURE TEST					
Low temperature :	-40±2°C		Duration:	96 hours	
5.3 HEAT SHOCK TEST (See in Fig.3)					
High temperature:	+70±2°C		Low temperature:	-30±2°C	
Changeover time:	< 30 minutes		Duration:	1 hour	
Cycle:	50				
5.4 HUMIDITY TEST					
Temperature:	+40±2°C		Relative humidity:	90~95%	
Duration:	96 hours				
5.5 TEMPERATURE CYCLE TEST (See in Fig.4)					
Temperature:	-40°C		+70°C		
Duration:	45 minutes		45 minutes		
Temperature gradient:	1~3°C/min.		Cycle:	25	
5.6 DROP TEST					
Mounted with dummy set mass:	100 g		Height:	1.52 m	
Cycle:	6 (1 each plain)		onto the concrete board		
5.7 LOAD TEST					
White Noise Without Weighted Filter 2.83Volts.(RMS) 96 Hrs.					
NO	DATE	DUE TO	NEW STATUS		SIGNATURE
			REVISION	UPDATE	
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ISSUED DATE	2020-06-06		-1.25 红黑端子绞线	

REVERSION	005A	UPDATE	0
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■ **HEAT SHOCK TEST (Fig.3)**

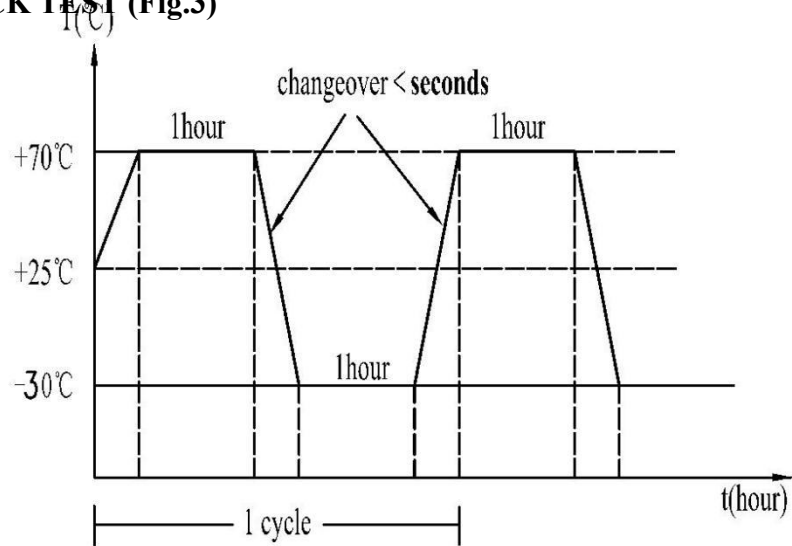


Fig.3 Illustration of heat shock test

■ **TEMP. CYCLE TEST (Fig.4)**

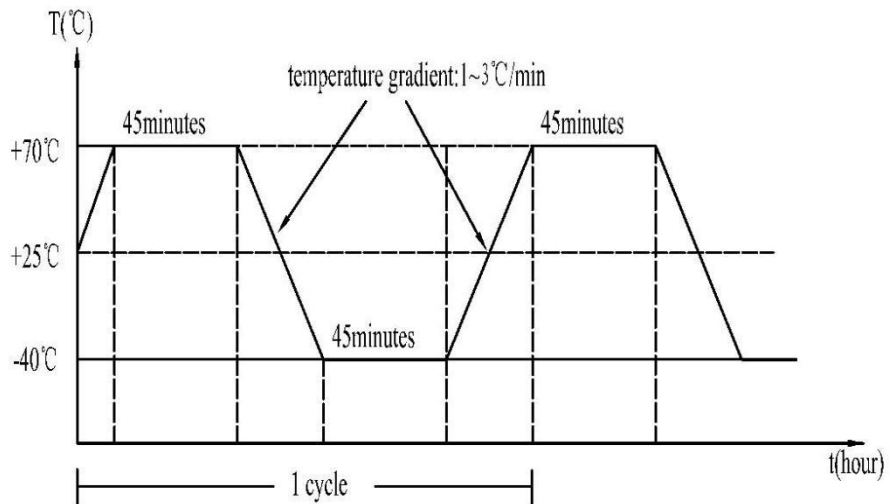
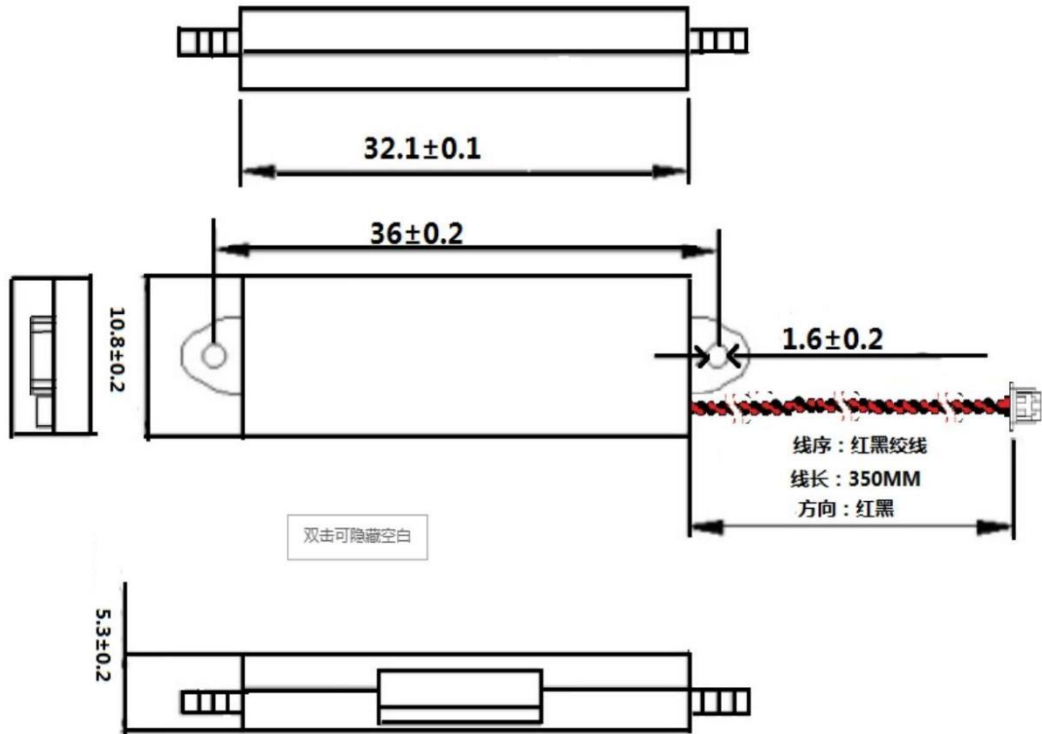


Fig.4 Illustration of temp. cycle test

		NEW STATUS		
NO	DATE	DUE TO	REVISION	UPDATE
				SIGNATURE
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SPECIFICATION		MODEL NO.	8 Ω 1W-Pin350 -1.25 红黑端子绞线	P5/6
SSUED DATE	2020-06-06			
REVERSION	005A	UPDATE	0	

6. DIMENSIONS (Fig.5) Unless otherwise specified, tolerance: ± 0.2 (unit: mm)



BOM

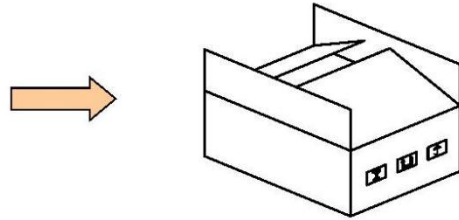
ITEM	DESCRIPTIONS	SPEC.	SUPPLIER	QTY	REMARK
1	Front cover	/		1	
2	Diaphragm	/		1	
3	Voice coil	/		1	
4	Inner pole plate	/		1	
5	Magnet	/		1	
6	Outer pole shoe	/		1	
7	Yoke assembly	/		1	
8	Lead wire	/		1	
9	Adhesive foam ring	/		1	
	incl. mesh screen	/		1	
10	Dust screen	/		1	

NO	DATE	DUE TO	NEW STATUS		SIGNATURE
			REVISION	UPDATE	
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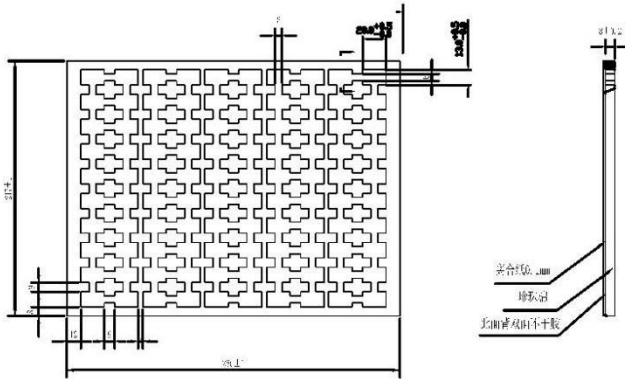
SPECIFICATION		MODEL NO.	8 Ω 1W-Pin350	P6/6
ISSUED DATE	2020-06-06		-1.25 红黑端子绞线	
REVERSION	005A	UPDATE	0	

7. PACKING DETAILS (Fig.6)

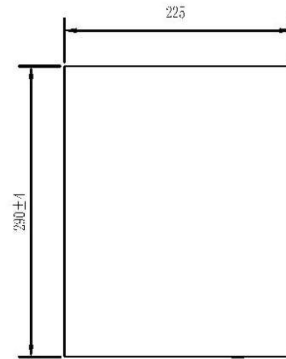
DYNAMIC SPEAKER	
TYPE:QUANTITY:	GROSS WT: KG
NET WT:	KG
VOLUME:	× × CM



DRAWING OF PS (POLYSTYRENE) TRAY (BOTTOM)
(TOP)



DRAWING OF PS (POLYSTYRENE) COVER



(unit: mm)

【NOTE】

1. 100pcs of receiver in each tray;
2. 10rays in one paper box.

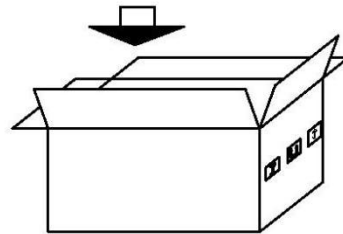


Fig.6 Illustration of packaging & marking

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			REVISION	UPDATE	
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..... **THE END**