

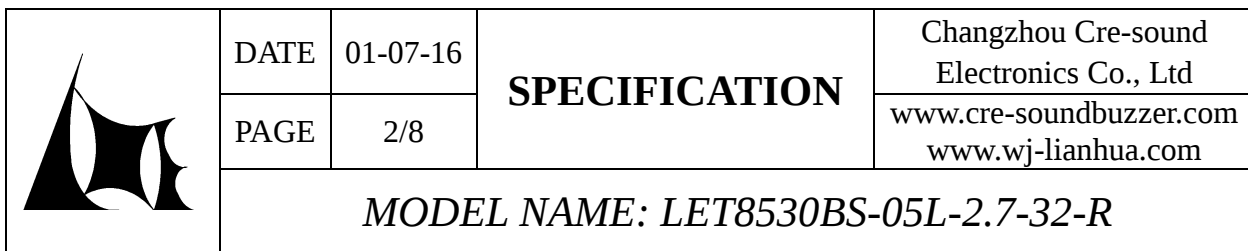
	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	1/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	<i>MODEL NAME: LET8530BS-05L-2.7-32-R</i>			

SPECIFICATION FOR APPROVAL

SMD ELECTRO-MAGNETIC TRANSDUCER

Model Name	LET8530BS-05L-2.7-32-R
Note	

CUSTOMER	Cre-sound
	DRAWN: 周文占
	CHECKED: 许海
	APPROVED: 宋雪琪



01-07-16

2/8

SPECIFICATION

Changzhou Cre-sound
Electronics Co., Ltd

www.cre-soundbuzzer.com
www.wj-lianhua.com

MODEL NAME: LET8530BS-05L-2.7-32-R

Alteration History

[illegible]

Changzhou Cre-sound Electronics Co., Ltd

Tel: +86-519-86322167; Fax: +86-519-86702455

E-mail:sales2@wj-lianhua.com

	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	3/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	MODEL NAME: LET8530BS-05L-2.7-32-R			

LET8530BS-05L-2.7-32-R

SMD ELECTRO-MAGNETIC TRANSDUCER

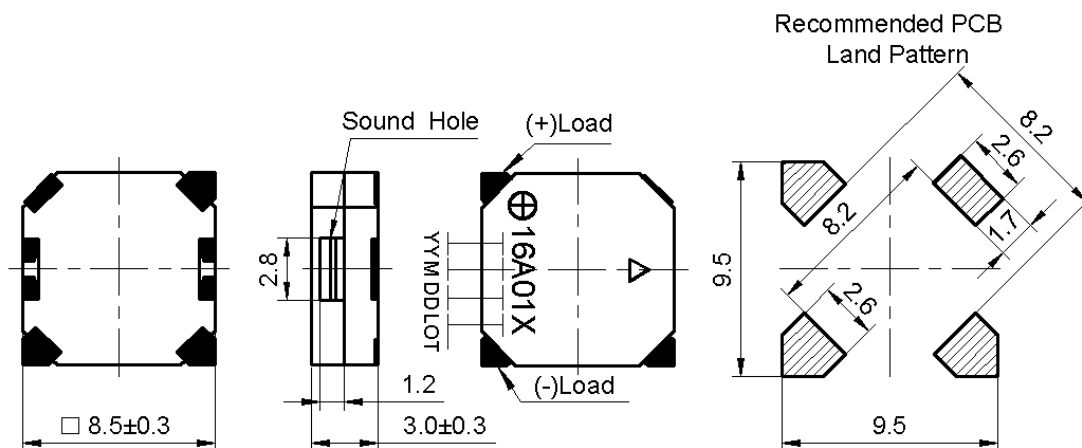
1	Model No.	LET8530BS-05L-2.7-32-R
2	Rated Voltage (V)	5
3	Operating Voltage (V)	3~7
4	☆Coil Resistance (Ω)	32±5
5	Resonant Frequency (Hz)	2700
6	☆*Sound Pressure Level (dB/min)	85at10cm at Rated Voltage
7	☆*Current Consumption (mA/max)	80at Rated Voltage
8	Operating Temperature (°C)	-40~+105
9	Storage Temperature (°C)	-40~+120
10	Weight (g)	0.5
11	Case material and colour	LCP / Black

*Applying rated voltage (Resonant frequency, 1/2 duty, Square wave)

☆Test Basic State: Temp(20±2°C), Humidity(40~70%RH), Air pressure(860~1060hPa).

DIMENSIONS (UNIT: mm)

Tolerance: ±0.5mm Except Specified



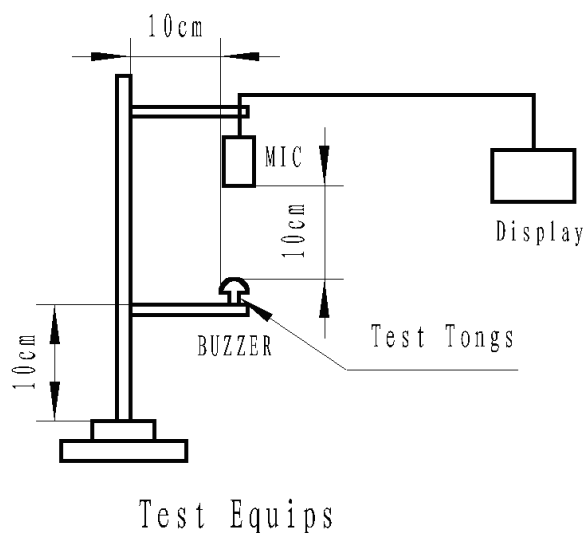
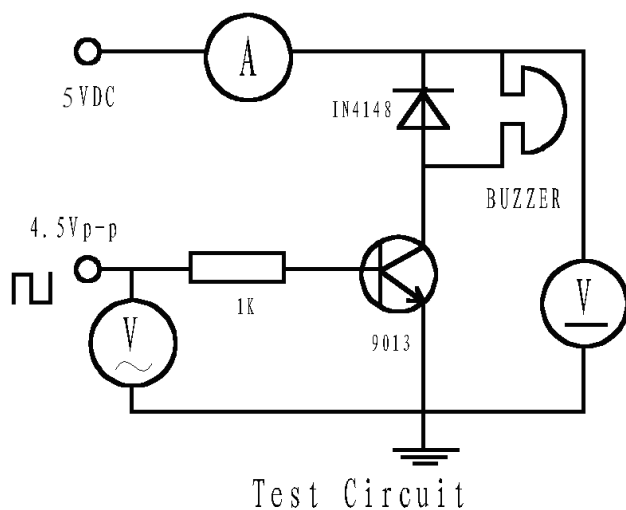
Changzhou Cre-sound Electronics Co., Ltd

Tel: +86-519-86322167; Fax: +86-519-86702455

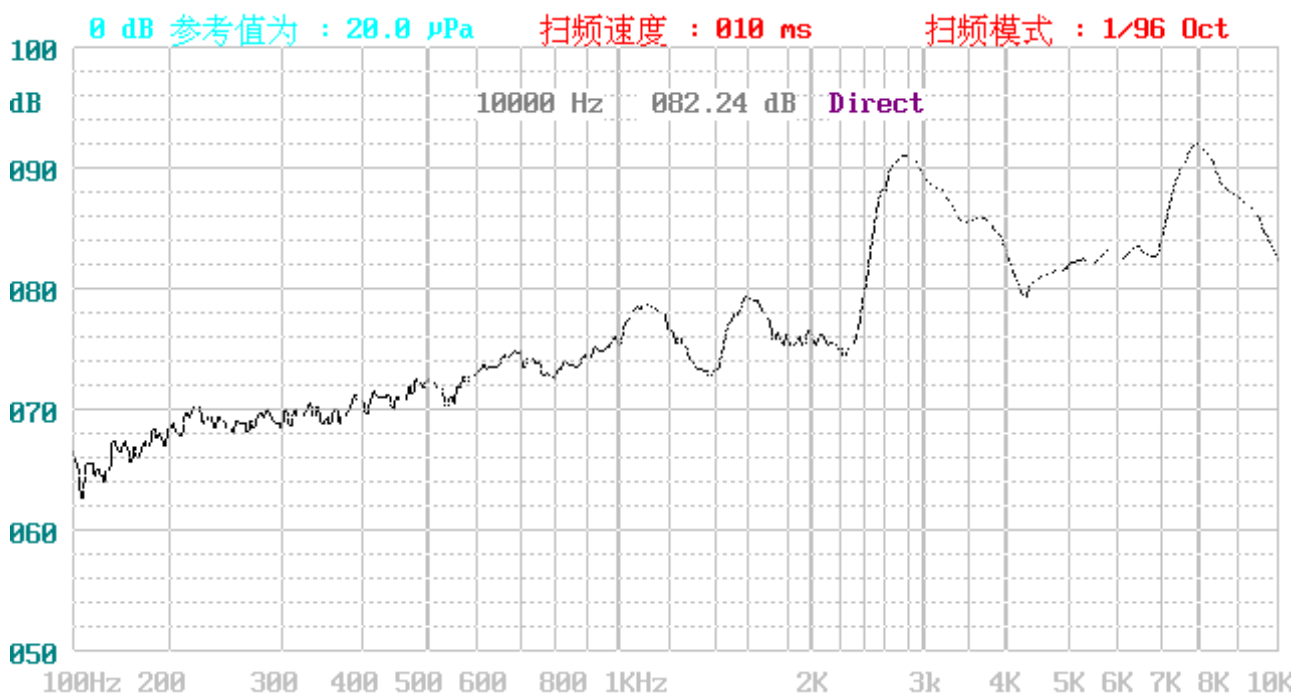
E-mail:sales2@wj-lianhua.com

	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	4/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	MODEL NAME: LET8530BS-05L-2.7-32-R			

TEST METHOD:



FREQUENCY RESPONSE:



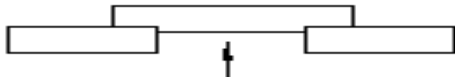
Changzhou Cre-sound Electronics Co., Ltd

Tel: +86-519-86322167; Fax: +86-519-86702455

E-mail:sales2@wj-lianhua.com

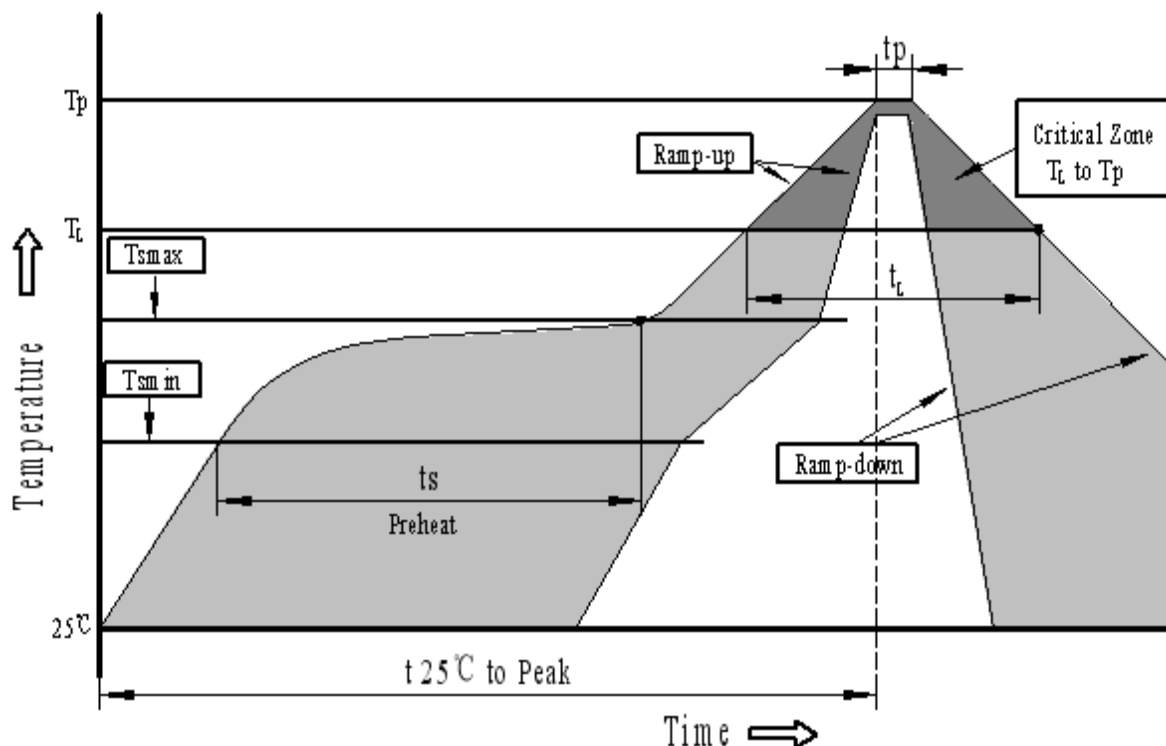
	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	5/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	MODEL NAME: LET8530BS-05L-2.7-32-R			

RELIABILITY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	High temp. storage	The part shall be capable of withstanding a storage temperature is +120℃ for 120 hours	After the test the part shall meet specifications without any degradation in appearance and performance except SPL shall be initial value ± 10dB .(pls do the test after 2 hours when you finish the experiment)
2	Low temp. storage	The part shall be capable of withstanding a storage temperature is -40℃ for 120 hours	
3	Temp. Cycle	Total 5 cycles, 1 cycle consisting of -40±2℃, 30 minutes 20±5℃ 15 minutes 120±2℃, 30 minutes 20±5℃ 15 minutes	
4	Humidity Test	40±2℃, 90~95% RH, 120 hours	
5	Vibration Test	The part shall be subjected to a vibration cycle is 10Hz in a period of 1 minute. Total peak amplitude shall be 1.52mm(9.3g). The vibration test shall consist of 2 hours per plane in each three mutually perpendicular planes for a total time of 6 hours.	
6	Shock	Sounder shall be measured after being applied shock (980m/s²) for each three mutually perpendicular directions to each of 3 times by half sine wave.	
7	Drop Test	Dropped naturally from 700mm height onto the surface of 10mm thick wooden board. 2 directions-upper and side of the part are to be applied.	
8	Lead pull	The part shall be pushed with a force of 9.8N for 10±1 seconds behind the part. 	After the test part shall meet specifications without any degradation in appearance and performance.
9	Recommended temp. Profile for Reflow Oven	Shown in Fig.1	
Warranty: For a period of one year from date of manufacture under normal operations.			

	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	6/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	<i>MODEL NAME: LET8530BS-05L-2.7-32-R</i>			

Recommended Temp. Profile for Reflow Oven (Fig.1)



Profile Feature	Pb-Free Assembly
Average ramp-up rate(T_L to T_p)	3°C/second max.
Preheat	
-Temperature Min.(T_{smin})	150°C
-Temperature Min.(T_{smax})	200°C
-Temperature Min.(t_s)	60~180 seconds
T_{smax} to T_L	
-Ramp-up Rate	3°C/second max.
Time maintained above:	
- Temperature(T_L)	217°C
-Time(T_L)	60~150 seconds
Peak temperature(T_p)	250°C+0/-5°C
Time within 5°C of actual Peak temperature (tp)	6 seconds max.
Ramp-down Rate	6°C/second max.
Time 25°C to Peak Temperature	8 minutes max.

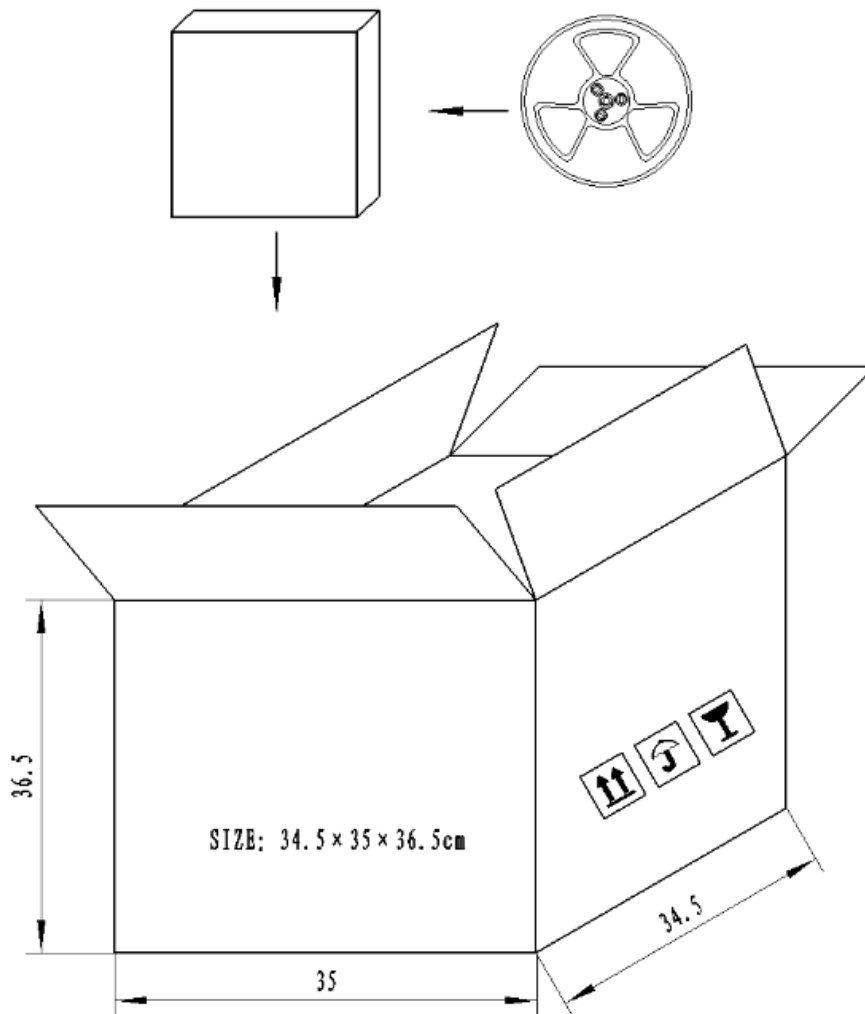
Changzhou Cre-sound Electronics Co., Ltd

Tel: +86-519-86322167; Fax: +86-519-86702455

E-mail:sales2@wj-lianhua.com

	DATE	01-07-16	SPECIFICATION	Changzhou Cre-sound Electronics Co., Ltd
	PAGE	8/8		www.cre-soundbuzzer.com www.wj-lianhua.com
	<i>MODEL NAME: LET8530BS-05L-2.7-32-R</i>			

PACKING:



NOTES:

- 1.1000 PCS per box
- 2.Total 10 boxes per carton
- 3.Total 10000 PCS carton