

	DATE	28-07-2017	SPECIFICATION	ChangZhou Cre-Sound Electronics Co.,Ltd.
	PAGE	1/6		www.wj-Lianhua.com
	MODEL NAME: LPT3055DW1105-TA-09-4.0-20-R			

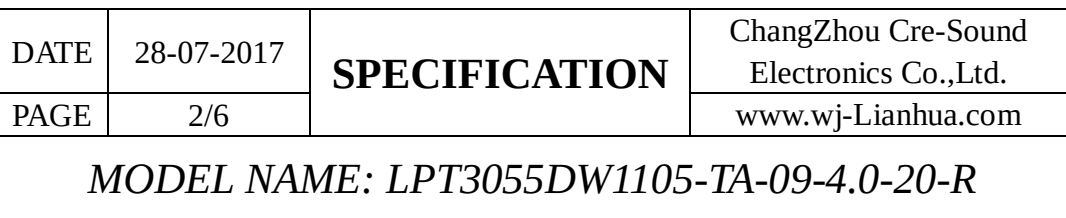
SPECIFICATION FOR APPROVAL

PIEZO ELECTRIC SOUNDER

Model Name	LPT3055DW1105-TA-09-4.0-20-R
Note	

Product Photo	Cre-Sound
	DRAWING: 周文占
	CHECKED: 韦 娟
	APPROVED: 宋雪琪
Customer Confirmation:	

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	DATE	28-07-2017	SPECIFICATION	ChangZhou Cre-Sound Electronics Co.,Ltd.
	PAGE	3/6		www.wj-Lianhua.com
	<i>MODEL NAME: LPT3055DW1105-TA-09-4.0-20-R</i>			

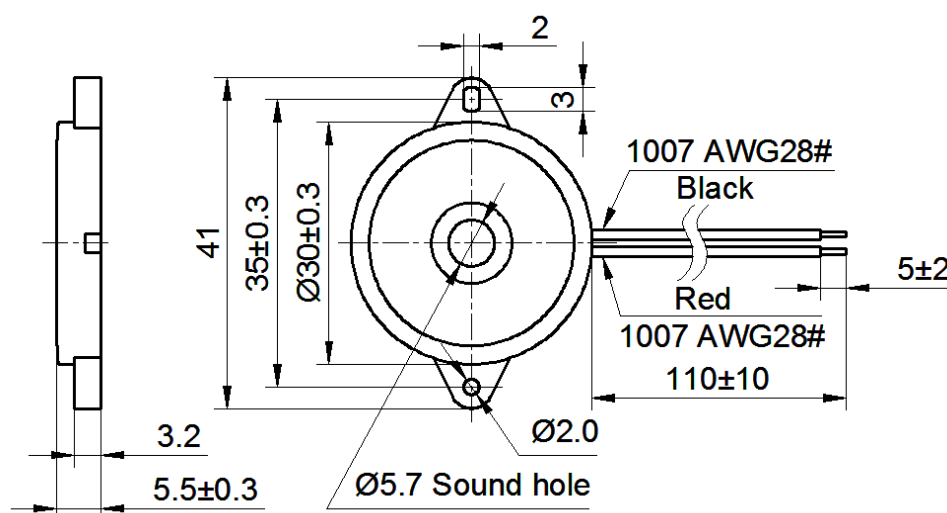
LPT3055DW1105-TA-09-4.0-20-R PIEZO ELECTRIC SOUNDER

2	Rated Voltage (Vp-p)	9
3	Operating Voltage (Vp-p)	1~20
4	Resonant Frequency (Hz)	4000±500
5	Capacitance 120Hz (PF)	20000±30%
6	*Sound Output at 10cm (dB)	≥90
7	*Current Consumption (mA)	≤9
8	Operating Temperature (°C)	-20~+60
9	Storage Temperature (°C)	-30~+70
10	Weight (g)	4.0
11	RoHS	Yes

*Applying rated voltage (Resonant frequency, Square wave)

*Test Basic State: Temp($20 \pm 2^{\circ}\text{C}$), Humidity(40~70%RH), Air pressure(860~1060hPa).

DIMENSIONS (UNIT: mm)

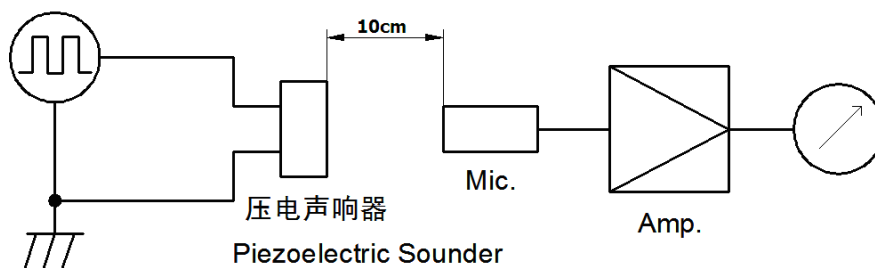


***Housing Material: ABS**

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	DATE	28-07-2017	SPECIFICATION	ChangZhou Cre-Sound Electronics Co.,Ltd.
	PAGE	4/6		www.wj-Lianhua.com
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TESE METHOD:



MIC: ND10 普通声级计或等同品
MIC: ND10 Sound Meter or equivalent

信号发生器: DF1641D或等同品
Signal Generator: DF1641D or equivalent

FREQUENCY RESPONSE:



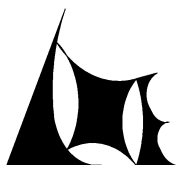
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	DATE	28-07-2017	SPECIFICATION	ChangZhou Cre-Sound Electronics Co.,Ltd.
	PAGE	5/6		www.wj-Lianhua.com
	<i>MODEL NAME: LPT3055DW1105-TA-09-4.0-20-R</i>			

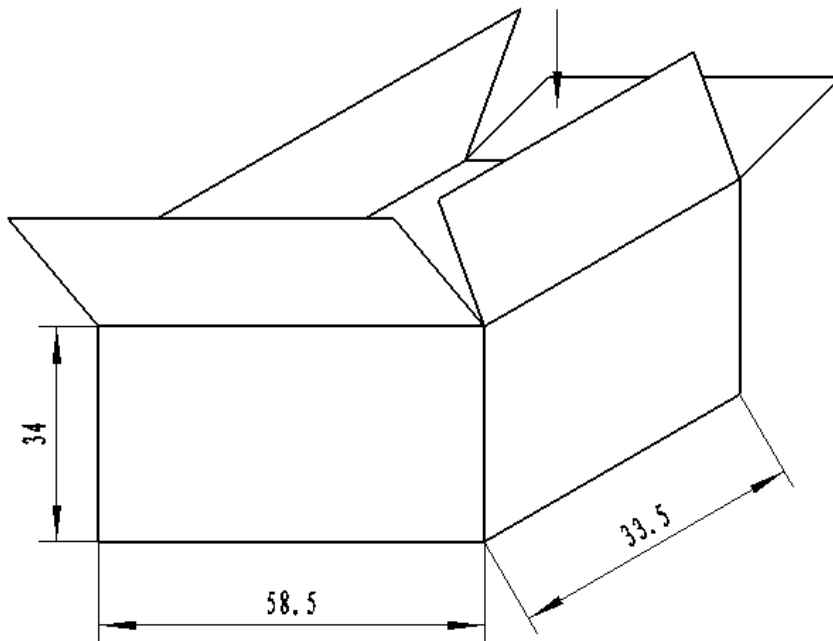
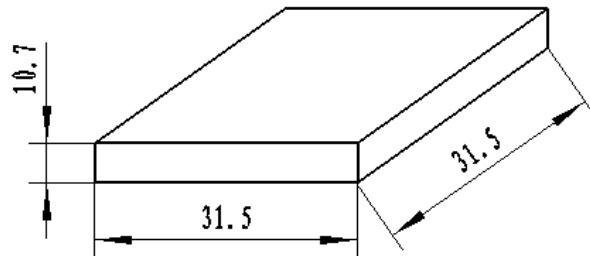
RELIABILTY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	40±2℃, 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	+70±2℃, 96HRS	
3	Low temp.	-30±2℃, 96HRS	
4	Temperature cycling	-30±2℃, 30minutes room temp. 15 minutes +70±2℃, 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the surface of 10mm thick wooden board.	
6	Vibration test	Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then 55 to 10) under single amplitude of 1.0mm is 1 minute.	

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	DATE	28-07-2017	SPECIFICATION	ChangZhou Cre-Sound Electronics Co.,Ltd.
	PAGE	6/6		www.wj-Lianhua.com
	MODEL NAME: LPT3055DW1105-TA-09-4.0-20-R			

PACKING:



NOTES:

- 1.500 PCS per box
- 2.Total 5 boxes per carton
- 3.Total 2500 PCS carton
- 4.Volume: $58.5 \times 33.5 \times 34\text{cm}$

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