



	DATE	10-03-26	<b>SPECIFICATION</b>	dBace Electronic Co.,Ltd.
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	<i>MODEL NAME: PBC-4028P-24</i>			

## SPECIFICATION FOR APPROVAL PIEZO BUZZER

Model Name	PBC-4028-24
Note	

<b>Product Photo</b>	
	<b>DRAWING:</b> 蒋志凯
	<b>CHECKED:</b> 李小芬
	<b>APPROVED:</b> 宋雪琪

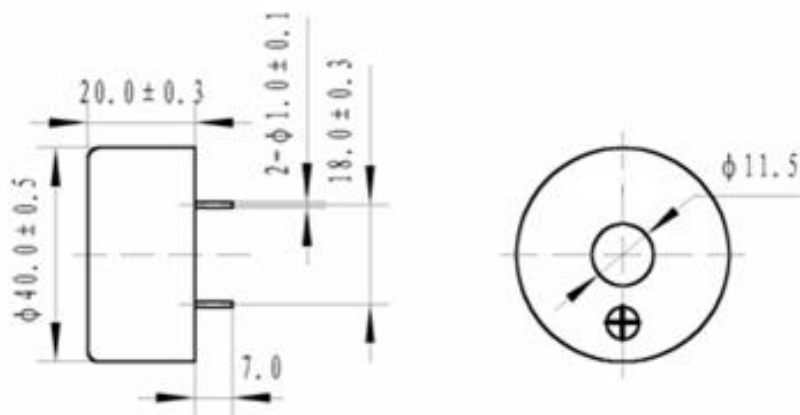
# PIEZO BUZZER

1	Model	PBC-4028-24
2	Rated Voltage (VDC)	24
3	Operating Voltage (VDC)	5~30
4	*Rated Current (mA)	≤70
5	*Sound Output at 30m (dB)	≥95
6	*Resonant Frequency (Hz)	2800±500
7	Operating Temperature (°C)	-20 ~ +65
8	Storage Temperature (°C)	-30 ~ +75
9	Weight (g)	12
10	Housing Material	PPO
11	RoHS	Yes

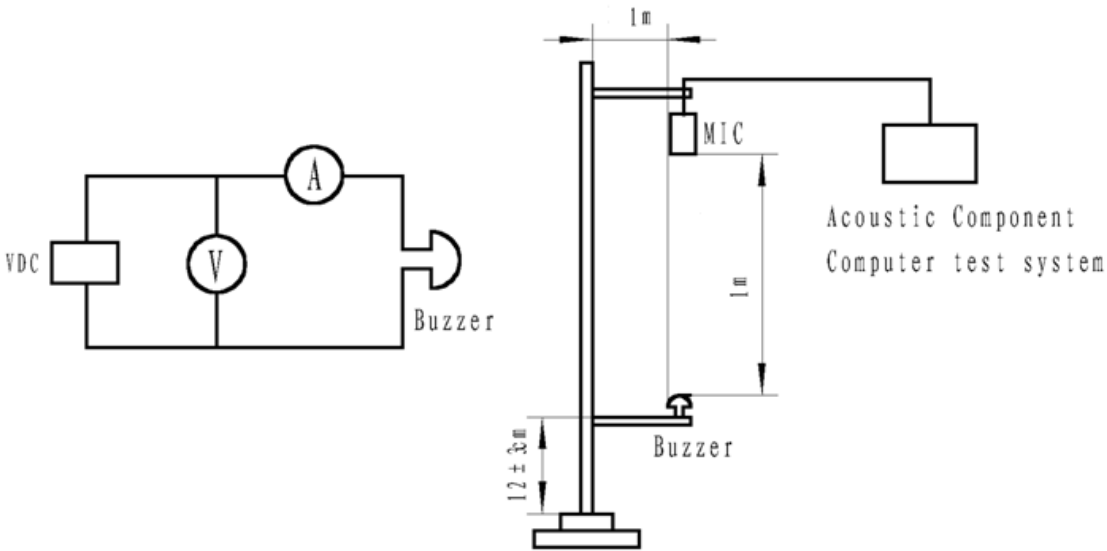
\*Value applying rated voltage (DC)

## DIMENSIONS (UNIT: mm)

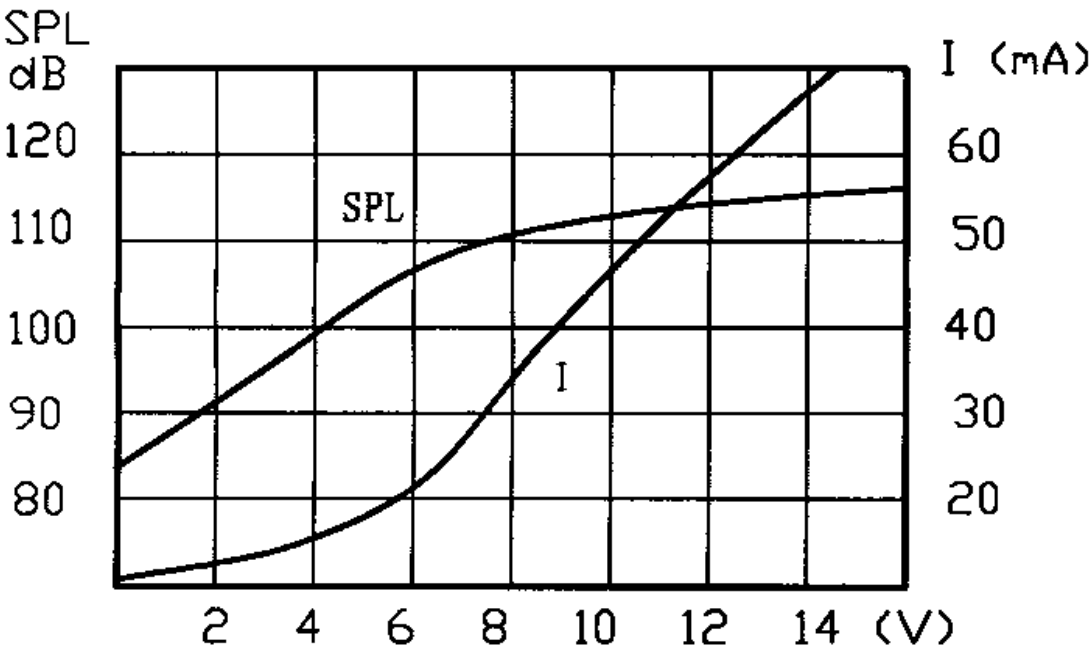
Tolerance: ±0.5mm Except Specified



**TEST METHOD:**



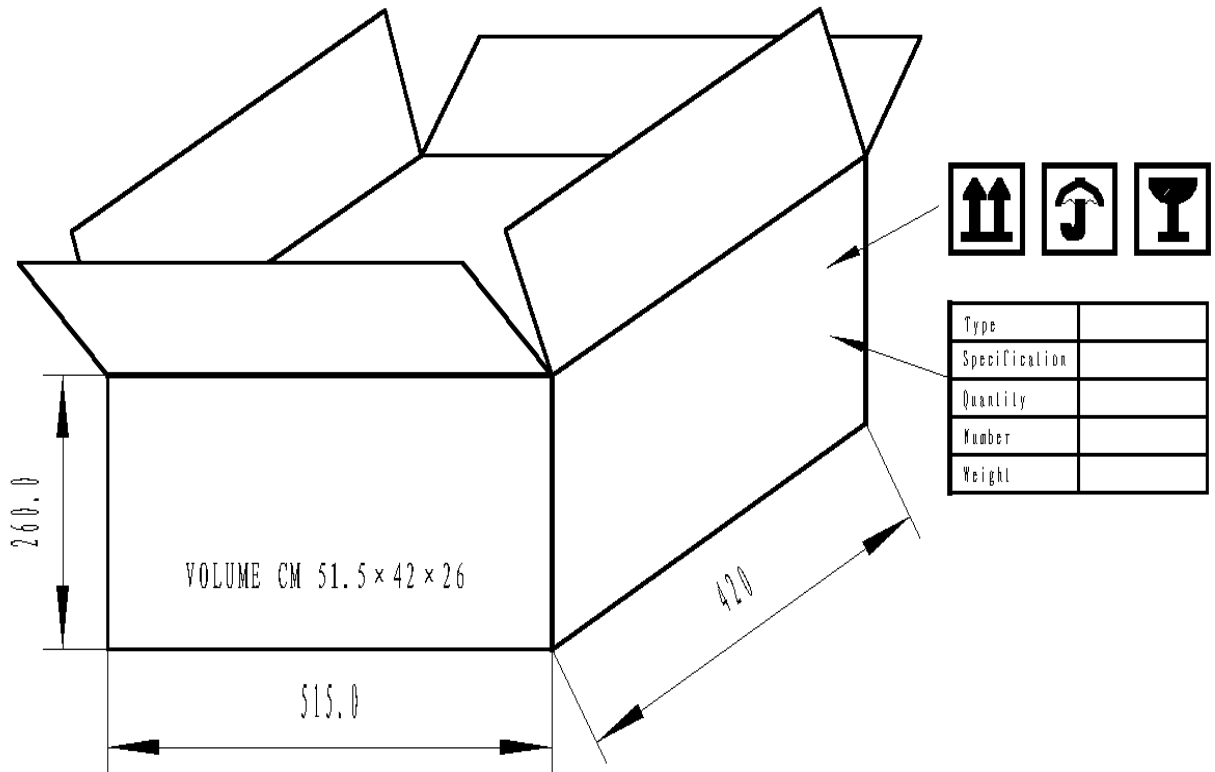
**FREQUENCY RESPONSE:**



## RELIABILTY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	$50 \pm 5^{\circ}\text{C}$ , 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	$+75 \pm 2^{\circ}\text{C}$ , 96HRS	
3	Low temp.	$-30 \pm 2^{\circ}\text{C}$ , 96HRS	
4	Temperature cycling	$-30 \pm 2^{\circ}\text{C}$ , 30minutes room temp. 15 minutes $+75 \pm 2^{\circ}\text{C}$ , 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the sureface 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-fai. sweep time (from 10 to 55 Hz and then 55 to 10 ) under single amplitude of 1.0mm is 1 minute.	
7	Solder heat resistance	The part leads (pins) shall be immersed in mdten solder maintained at $250 \pm 10^{\circ}\text{C}$ for a period of 30 seconds.	

**PACKING:**



**NOTES:**

1. 15PCS per bag
2. Total 45 bags per box
3. Total 675 PCS box
4. Volume: 51.5 x 42 x 26cm