

SPECIFICATIONS

PRODUCT: PIEZO TRANSDUCER
MODEL NUMBER: PMB3013

PMB 피엠비일렉텍
상표등록 <제40-0729433호> PMB ELECTECH

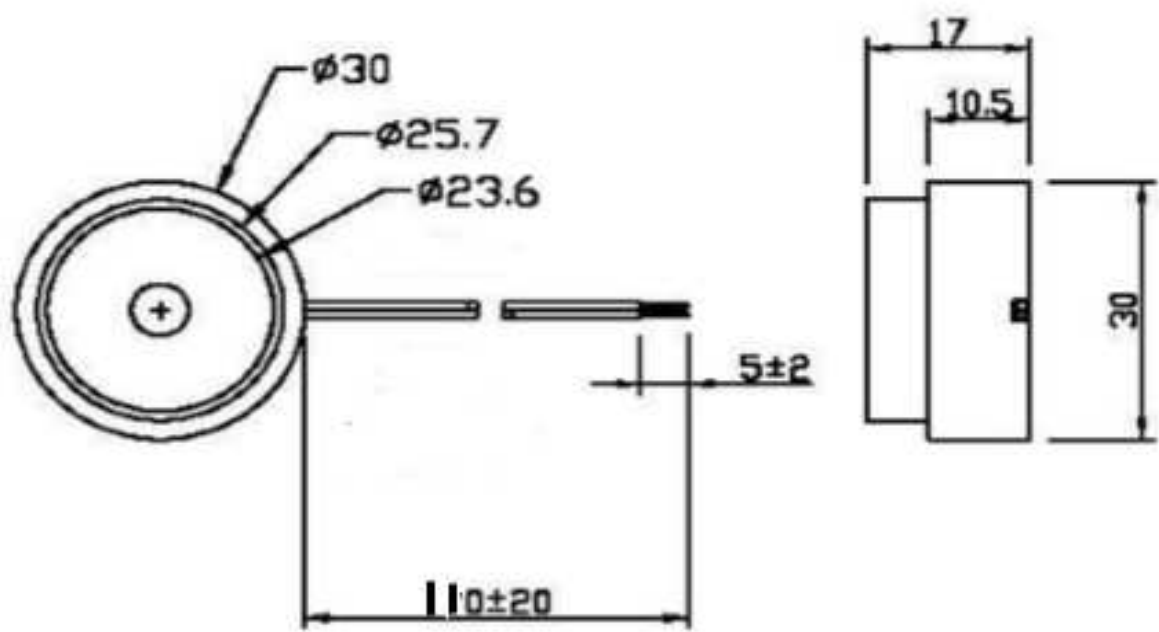
서울시 구로구 경인로 53 가길 10 대명벨리온 904 호

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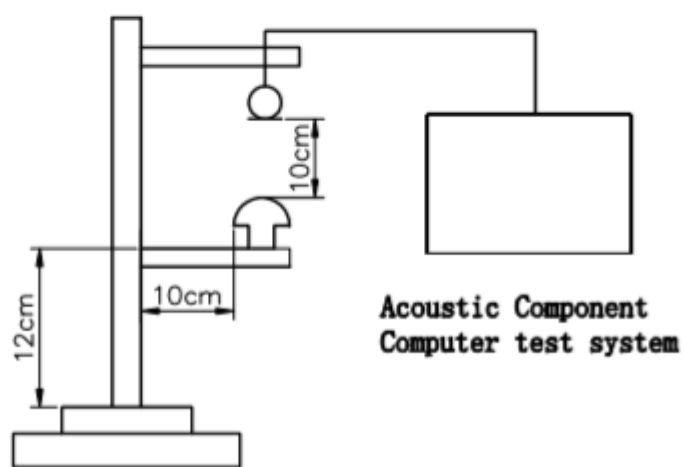
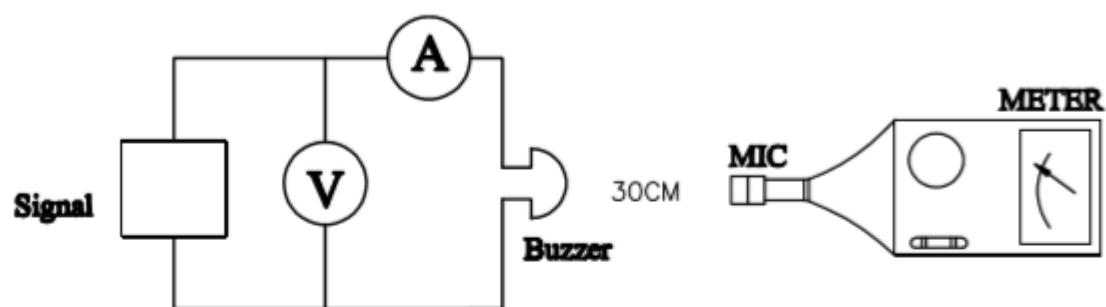
HOME PAGE : <http://www.pmbe.co.kr> E-MAIL : pmbe@pmbe.co.kr

电声性能 Electricity capability				
1	谐振频率	Resonant Frequency	kHz	4.0 ± 0.3
2	等效电阻	Resonant Impedance	Ω	≤ 200
3	电 容 量	Capacitance	nF	$30\pm 30\%$
4	输入电压	Input Voltage	V _{p-p}	30V
5	工作电流	Rated Current	mA	≥ 100
6	声响分贝	Sound Output at 30cm	dB	105
7	基片材料	Metal Material		黄铜 Brass
8	塑壳材料/颜色	Shell Material/Color		ABS/黑色
9	工作温度	Operating Temperature	℃	-20 ~ +70℃
10	贮存温度	Store Temperature	℃	-30 ~ +80℃
11	重量	Weight	(g)	10

外形图 Shape



测试方法 TEST METHOD



环境试验 Environmental Test

1. 高温试验 High temperature test

先在 $80\pm 2^{\circ}\text{C}$ 中工作4小时,再放置2小时,然后在正常大气压下恢复2小时后检查。

First work with the temperature of $80\pm 2^{\circ}\text{C}$ for 4 hours, then be placed for 2 hours, then renew for 2 hours at normal air pressure, then inspect.

2. 低温试验 Low temperature test

先在 $-30\pm 2^{\circ}\text{C}$ 中工作2小时,再放置4小时,然后在正常大气压下恢复2小时后检查。

First work with the temperature of $-30\pm 2^{\circ}\text{C}$ for 2 hours, then placed for 4 hours, then renew for 2 hours at normal air pressure to inspect.

3. 碰撞试验 Impact test

受 $100\pm 10\text{m/s}^2$,脉冲持续时间16 ms,脉冲重复频率1-3次/s,1000 ± 10 次的碰撞试验后检查。

$100\pm 10\text{m/s}^2$,Pulse duration 16 ms ,Pulse rate 1-3times/s,After1000 ± 10 impact test inspects

4. 跌落试验 Drops test

按包装箱在任一角及角相连的3条棱和角相连的3个面从800mm处跌落7次后检查。

According to packing case in no matter what corner and angle connected 3 aris and the angle connected 3 surface drops 7 times from 800mm place to inspect

5. 耐潮试验 Bears Humidity test

先在温度为 $40\pm 2^{\circ}\text{C}$,相对湿度为 $(93\pm 3)\%$ 的环境中放置24小时,然后在正常大气压下恢复2小时后检查。

First lay with $40\pm 2^{\circ}\text{C}$,Relative humidity for $(93\pm 3)\%$ for 24 hours, Then renew for 2 hours at normal air pressure to inspect.

6. 可靠性试验 Reliability Test

在常温下连续工作48小时后检查

At room temperature after 48 hours continuous inspection

7. 可焊性试验 Weldability Test

$260\pm 5^{\circ}\text{C}$,焊接时间3-5 秒.

$260\pm 5^{\circ}\text{C}$,soaks the tin time 3-5 sece.

8. 插针及引线强度 Pin's Intensity

在轴方向能承受2.5N拉力,不得松动和脱落。

Can withstand the 2.5N pulling force in the axis direction, could not be flexible or fall off.