



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

NO.4 Lane 505, Zhongzheng Rd., Linkou Shiang, Taipei, Taiwan 24445 . R.O.C

Piezo Electric Buzzer PK-20A38EPQ

(RoHS)

DATE:2018.11.12

1. Electrical Characteristics

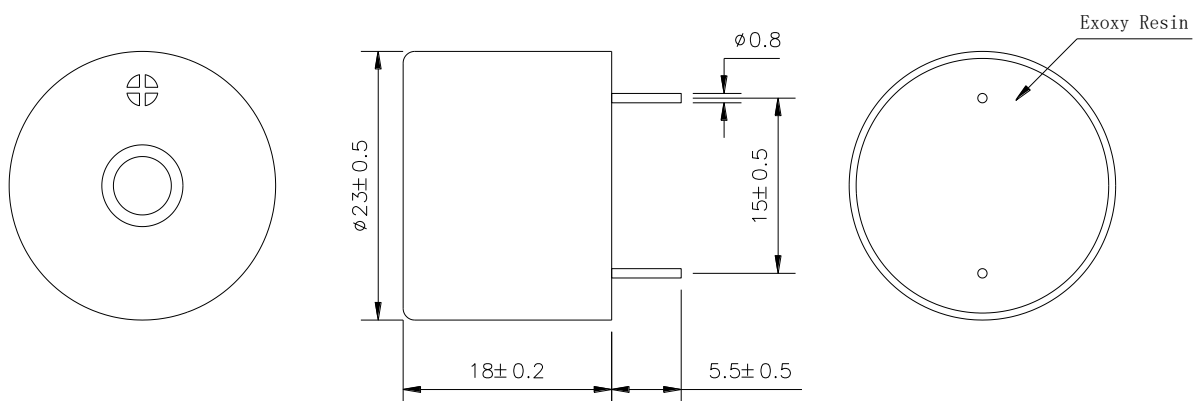
VER.:3

Oscillation Frequency (KHz)	3.8 \pm 0.3
Operating Voltage (Vdc)	3 ~ 16
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	25 at Rated Voltage
Sound Pressure Level (dB/min.)	95 at 30cm at Rated Voltage
Tone/Pulse Rate	Constant
Operating Temperature (°C)	-20 ~ +100
Storage Temperature (°C)	-30 ~ +110
Condition by wave (°C)	260 \pm 5°C / within 5sec
Condition by hand (°C)	350 \pm 20°C / within 5sec

Protection Level: IP65

2. Dimensions and Material

2-1 Shape



Unit : mm



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2-2 Material

Housing	PBT plastic resin (Color : Black)
Lead Pin	Tin Plated Brass
Weight (Gram)	4.8

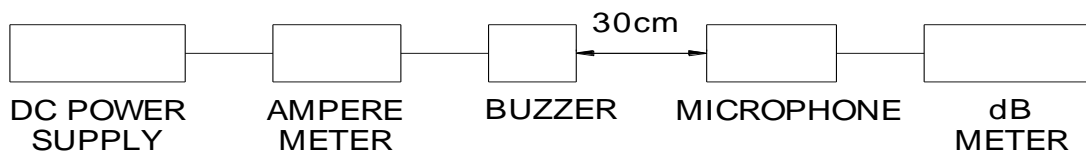
3. TESTING METHOD

· *Standard Measurement conditions*

Temperature:25±2°C Humidity:45-60%

· *Acoustic Characteristics*

The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below.





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4. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
<i>Coldness withstanding</i>	<i>After 98 hours of being exposed to -30°C environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Hotness withstanding</i>	<i>After 98 hours of being exposed to +110°C environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Humidity withstanding</i>	<i>After 98 hours of being exposed to 40°C 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Durability</i>	<i>Testing after 98 hours actual continuous operation.(at standard measurement conditions)</i>	<i>No abnormality shall exist</i>
<i>Drop withstanding</i>	<i>A natural drop from 75cm high down to the ground.</i>	<i>No abnormality shall exist</i>
<i>Vibration withstanding</i>	<i>Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.</i>	<i>No abnormality shall exist</i>

5. PACKAGE METHOD

<1> 100pcs per box , Total 10 boxes per carton , total 1000pcs per carton;
Volume: L*W*H=520*335*290mm.

<2> N.W. : 4.8 KGS ; G.W. : 6.8 KGS

<3>RoHS Mark