

HITPOINT

TEL:8862-26013311

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

Piezo Electric Buzzer PKD-27A30EWQ

(RoHS)

DATE:2020. 08. 03

1 . Electrical Characteristics

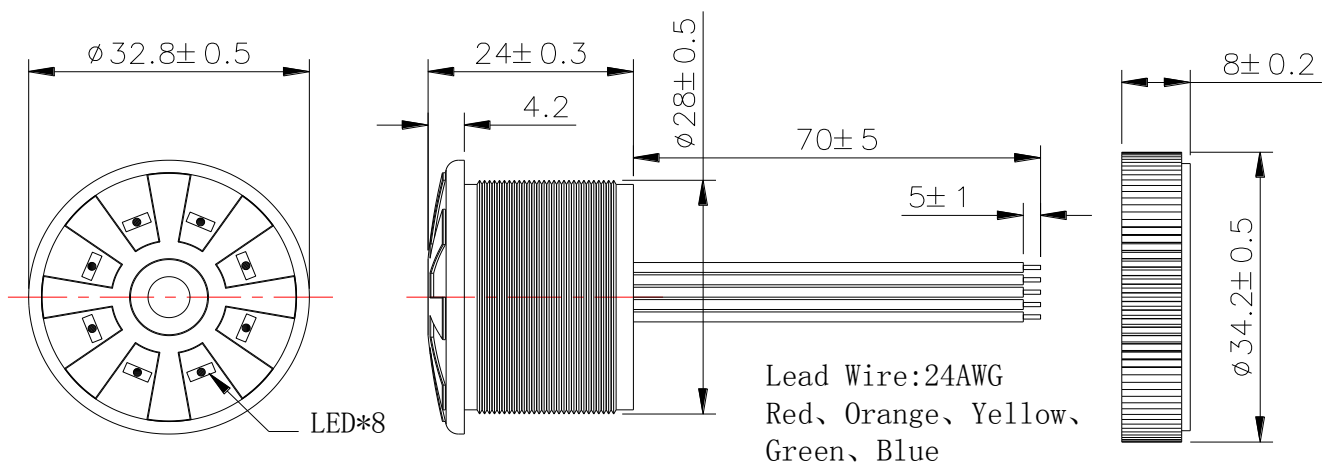
VER.:0

Oscillation Frequency (KHz)	3.0 ±0.5
Operating Voltage (Vdc)	3 ~ 15
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	30 at Rated Voltage
Sound Pressure Level (dB/min.)	95 at 30cm at Rated Voltage
Tone/Pulse Rate	Constant
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80

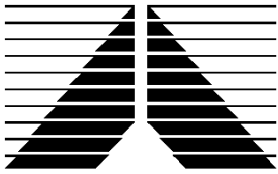
Protection Level: IP68 Certified

2 . Dimensions and Material

2-1 Shape



Unit : mm



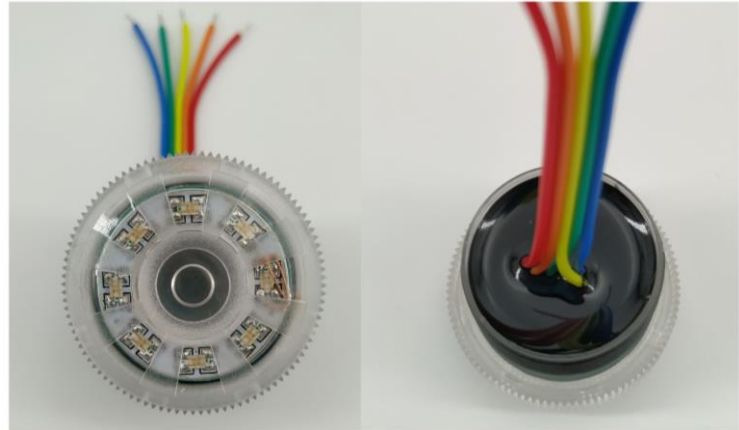
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1. Orange "+", Yellow "-": Constant
2. Orange "+", Red "-": Red Light
3. Orange "+", Blue "-": Blue Light
4. Orange "+", Green "-": Green Light



2-2 Material

Housing	PC plastic resin (Color :Transparent)
Lead Wire	24 AWG
Weight (Gram)	17.8

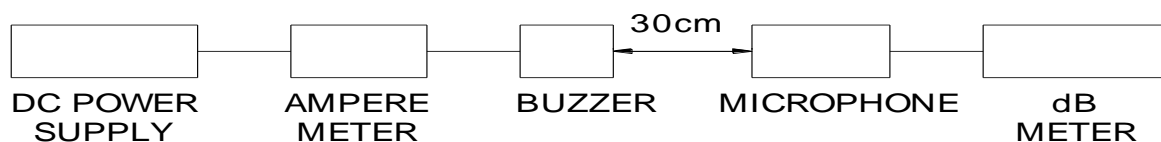
3. TESTING METHOD

· *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℃ 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 +80℃ 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℃ 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> 75pcs per box , Total 10 boxes per carton , total 750pcs per carton;

Volume: L*W*H=520*335*290mm

<2>N . W . : ; 13.35 KGS ; G . W . : 15.35KGS ;

<3> RoHS Mark