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UGCS-PS-520Q

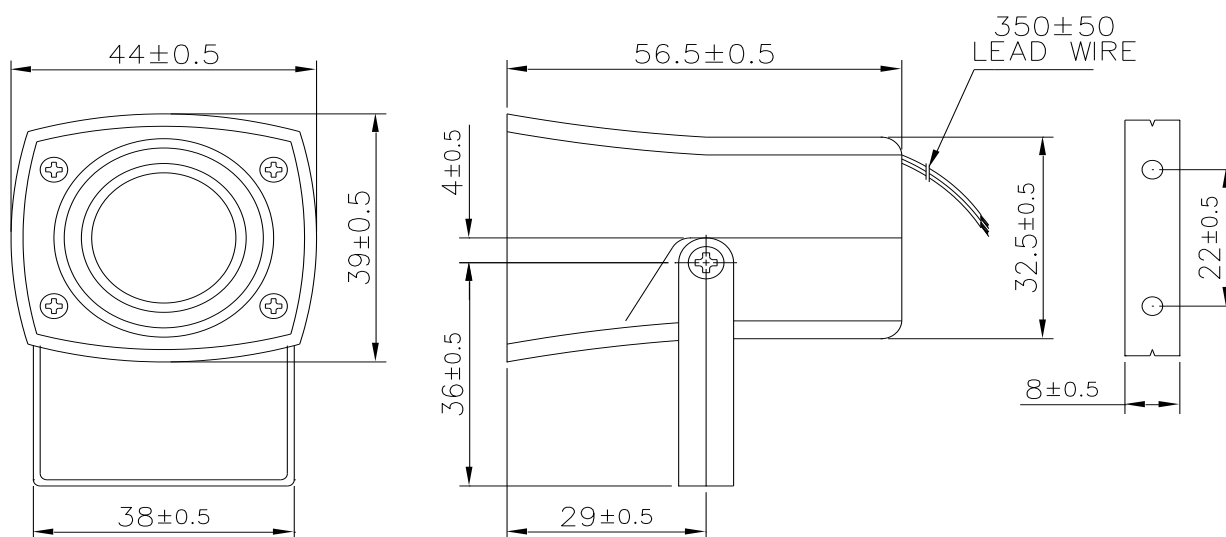
1 . Specification

Version .: 3

Resonant Frequency (KHz)	3.0 \pm 0.5
Operating Voltage (Vdc)	5 ~ 15
Rated Voltage (Vdc)	12
Current Consumption (mA/max.)	200 at Rated Voltage
Sound Pressure Level (dB/min.)	105 at 100cm at Rated Voltage
Tone/Pulse Rate (Hz)	Constant
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80

2 . Dimensions and Material

2-1 Shape



Unit : mm



2-2 Material

Housing	ABS 757 UL94HB plastic resin (Color : Black)
Leading Wire	UL1007 24AWG
Weight (Gram)	52.2

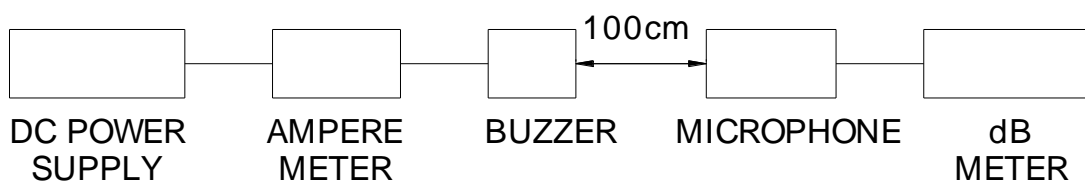
3. TESTING METHOD

• *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
Coldness withstanding	After 98 hours of being exposed to -30℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Hotness withstanding	After 98 hours of being exposed to +80℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Humidity withstanding	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.	No abnormality shall exist
Durability	10sec on/10sec off ; 1000hours(180000 cycles)	No abnormality shall exist
Vibration withstanding	Linear vibrate frequency rate: 5~55Hz Time:180sec , applied in X, Y and Z directions for 3 times each.	No abnormality shall exist

5. PACKAGE METHOD

- <1> One inner box consists of 1pcs.
<2> 250pcs of PS-520 Qare packed in a carton box. (L*W*H=520*335*290mm)
<3> N . W . : ; 13.1KGS ; G . W . : 17.5KGS ;
<4> RoHS Mark:

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