

# HITPOINT

TEL:8862-26013311 FAX:8862-26013898

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

## Piezo Siren PS-593SL-A-24VQ

(ROHS)

DATE:2010.05.05

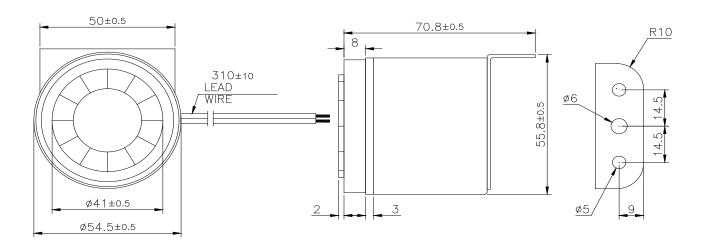
#### 1. Electrical Characteristics

VER .: 2

Resonant Frequency (KHz)	1.5 ~ 3.5	
Operating Voltage (Vdc)	10 ~28	
Rated Voltage (Vdc)	24	
Current Consumption (mA/max.)	150 at Rated Voltage	
Sound Pressure Level (dB/min.)	105 at 100cm at Rated Voltage	
Tone/Pulse Rate (Hz)	Sweep 3.3 ±20%	
Operating Temperature (°C)	-20 ~ +70	
Storage Temperature (°C)	-30 ~ +80	

#### 2. Dimensions and Material

### 2-1 Shape



Unit: mm



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#### 2-2 Material

Housing	ABS 777D plastic resin (Color: Black)
Leading Wire	20 AWG (Red+Black)
Weight (Gram)	99.6

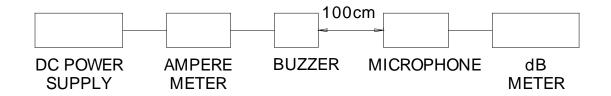
#### 3. TESTING METHOD

#### · Standard Measurement conditions

Temperature:25 $\pm$ 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	After 98 hours of being exposed to -30 ${\mathcal C}$	No abnormality
withstanding	environment, should be returned to normal	shall exist
	environment for 2 hours, then re-proceed to test.	
Hotness	After 98 hours of being exposed to +80 $^\circ\!$	No abnormality
withstanding	environment, should be returned to normal	shall exist
	environment for 2 hours, then re-proceed to test.	
Humidity	After 98 hours of being exposed to 40 $^\circ\!$	No abnormality
withstanding	environment in actual operation, should be	shall exist
	returned to normal environment for 2 hours, then	
	re-proceed to test.	
Durability	10sec on/10sec off; 1000hours(180000 cycles)	No abnormality
		shall exist
Vibration	Linear vibrate frequency rate: 5~55Hz	No abnormality
withstanding	Time:180sec, applied in X, Y and Z directions for	shall exist
	3 times each.	

#### 5. PACKAGE METHOD

- <1> One inner box consists of 1pcs.
- <2> 100pcs of PS-593SL-AQare packed in a carton box. (L\*W\*H=520\*335\*290mm)
- <3 >N . W . : ; 10.0 KGS ; G . W . : 12.0KGS ;
  - < 4 > RoHS Mark: