

# SoniCrest

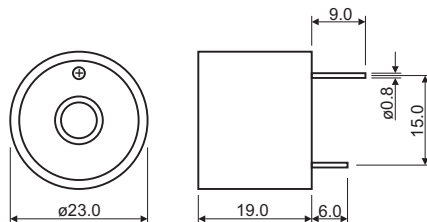
## PIEZO SOUND GENERATORS



*HPA23DX*

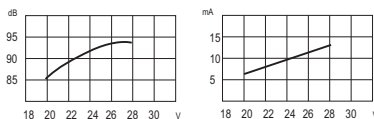
### Dimension

Unit : mm  
Tolerance :  $\pm 0.3\text{mm}$



### Characteristics Response

Measuring Temperature : 25°C  
Measuring Distance : 30cm



### Specification (all data taken at 25°C unless otherwise specified)

HPA23DX	Rated Voltage (VDC)	Operating Voltage (VDC)	★Rated Current (mA)	★Sound Output at 30cm (dB)	★Generated Frequency (Hz)	Operating Temperature (°C)	Storage Temperature (°C)	Weight (g)
	24	20 ~ 28	≤ 15	≥ 88	3100 ± 500	-20 ~ +60	-30 ~ +70	8

★Value Applying Rated Voltage, DC