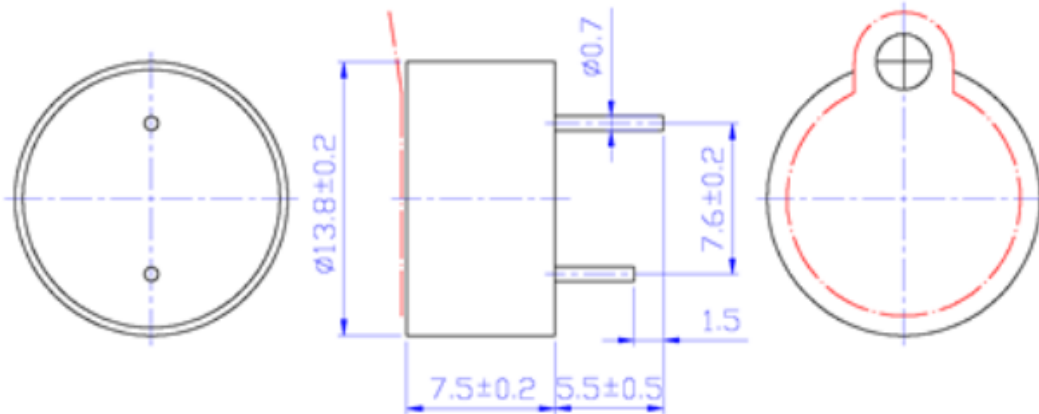




### Electrical Specifications

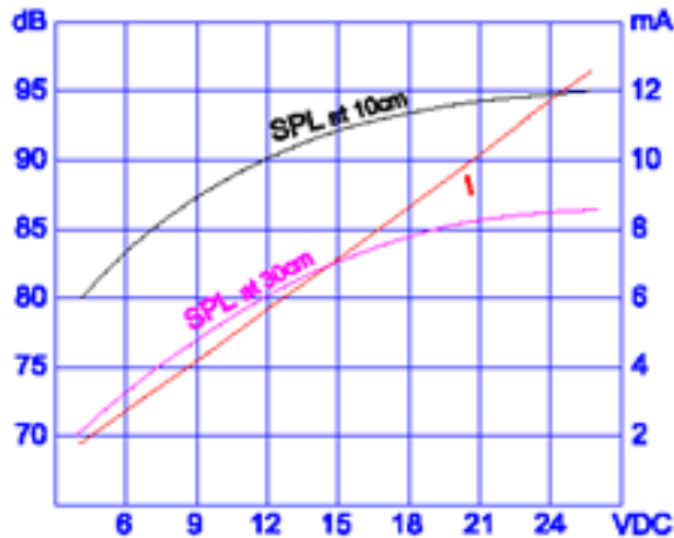
PARAMETERS		VALUE	UNIT
Operating Frequency		4000 ±500	Hz
Operating Voltage, max		3 ~ 15	Vp-p
Rated Voltage		12	Vp-p
Typical Sound Output , min	@ 12 VDC, 10 cm, 25°C	80	dB
Operating Current, typ	@ 12 VDC	7	mA
High Temperature Reliability	No function for 240 hours	+90 ±2	°C
	Function for 240 hours	+85 ±2	°C
Low Temperature Reliability	No function for 240 hours	-40 ±2	°C
	Function for 240 hours	-40 ±2	°C
Life Test	At 12 VDC in room temperature continuously	1000	h
Relative Humidity	@ 60 ±2 °C, R.H 120 hours	95 ±5%	%
Operating Temperature Range		-40 ~ +85	°C
Storage Temperature Range		-40 ~ +90	°C
Termination		2 pins, Sn Plated Brass	-
Diaphragm		Ni, Alloy Disc N42	-
Weight, typ		12	g
Thermal Cycle		+40±2°C, 1h +20±2°C ,5min +85±2°C , 1h +20°C ,5min	5 cycles
Vibration	@ 10 to 50Hz of vibration frequency to each of 3 perpendicular directions for 2 hours	1.5	mm
Shock	@ Shock for each mutually perpendicular directions, half sine wave, 3 times each	980	m/s <sup>2</sup>
Drop Test	Dropped naturally from 750mm height onto the surface of 10mm wooden board. 2 directions – upper and side of the part are applied		

#### Dimension



Unit: mm

#### Frequency Characteristics



#### APPROVAL

DRAWN BY	AR, November 21, 2023
APPROVED BY	CP, November 21, 2023
REVISION	A, Initial Release

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