

Micro Speaker

Model: OSR23H-13A0.25W8A-P



ELECTRICAL SPECIFICATIONS

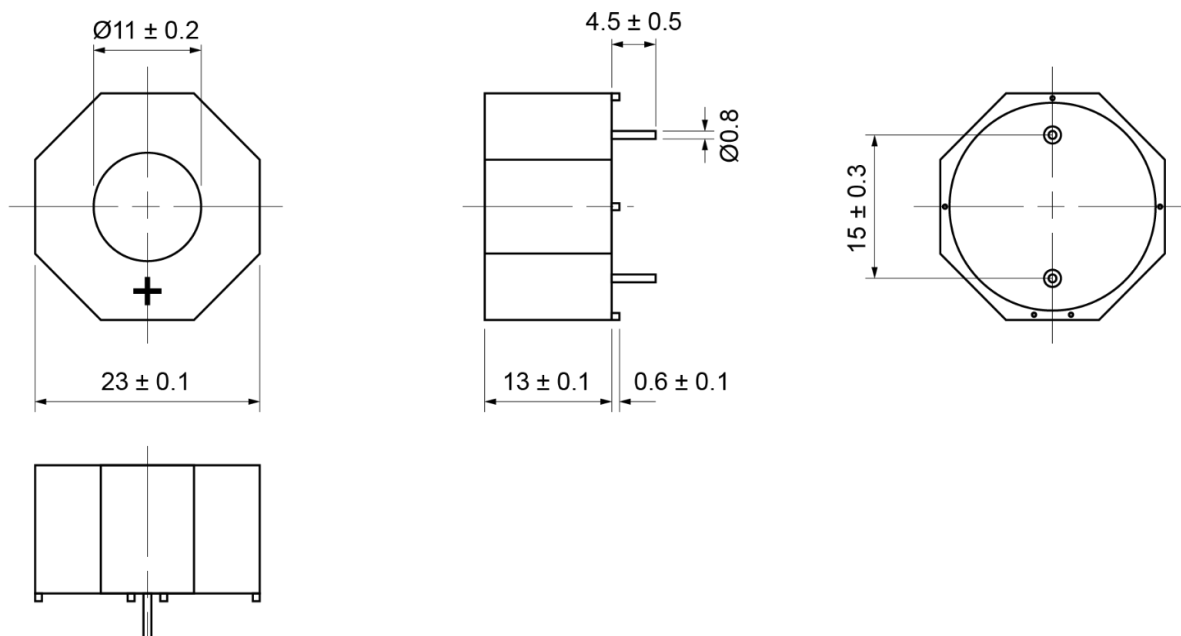
	Condition	Parameter	Unit
Sound Pressure Level	at 0.25W, 10cm [at 325Hz]	90 ± 3	dB
Impedance	at 1V, 1KHz	8 ± 15%	Ω
Rated Input Power	4Vp-p, sine wave, 176mA	0.25	W
Max Input Power		0.5	W
Resonant Frequency (Fo)	325Hz drive signal resulting 975Hz resonant freq.	325 ± 24	Hz
Harmonics Present	1 ~ 4KHz	4 peaks within ± 15dB	
Buzzer & Rattles	not be audible at sine wave between Fo ~ 20KHz	1.41	V
Operating Temperature		-30 ~ 70	°C
Magnet		Nd-Fe-B	
Frame Material		PBT	
Cone Material		Mylar (PET)	
Weight		6	g

Notes: Compliant with IEC 60601-1-8 medical standard.

MECHANICAL DRAWING

Dimensions in mm

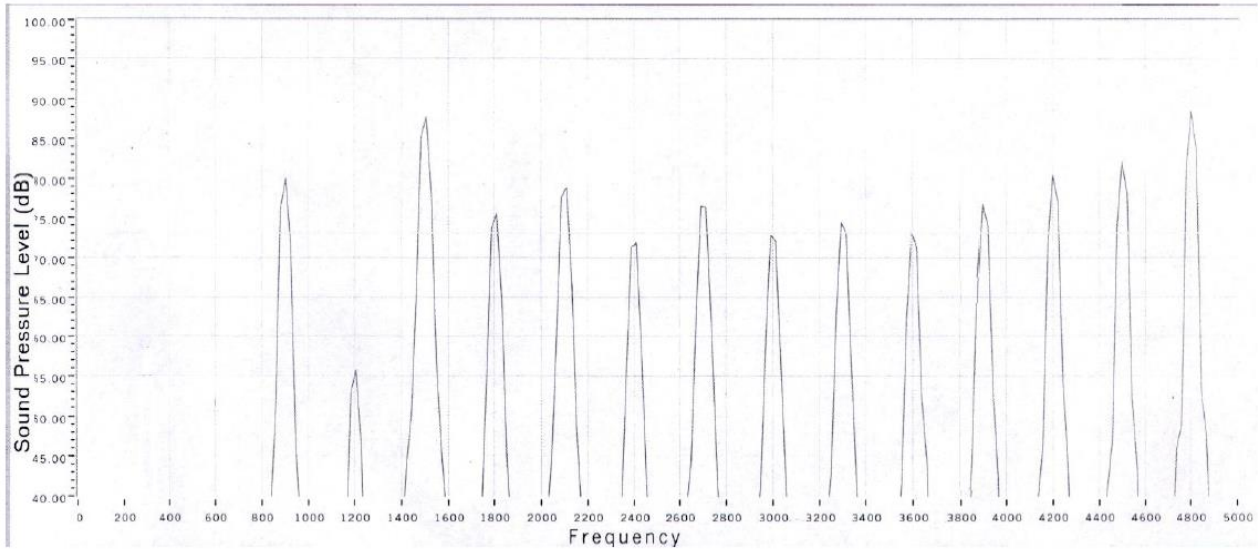
Tolerance ±0.5mm Except Specified



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FREQUENCY RESPONSE CURVE



As shown above, the fundamental frequency is 975 Hz, and there are more than 4 harmonic peaks between 1 and 4 kHz. All harmonic peaks are within ± 15 dB of the fundamental frequency