

### General Description

15mm OD x 3.9mm Round Speaker



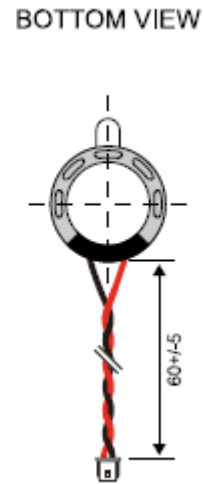
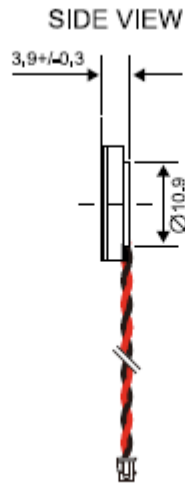
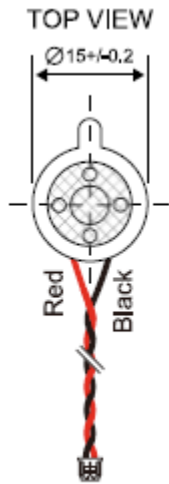
**IP67**



### ELECTRICAL SPECIFICATIONS

Parameters		Value	Unit
Resonant Frequency (Fo)	@ 1V	850 ±20%	Hz
Frequency Response		Fo ~ 20	kHz
Rated Input Power, max		0.5	W
Input Power, max		0.7	W
Dimension		15±0.2 x 10.9±0.5	mm
Height		3.9 ±0.3	mm
Output S.P.L.	@ 0.1W / 0.1m ave. 0.8, 1.0,1.2, 1.5kHz	83±3	dB
Impedance		4 ±15%	Ω
Operating Temperature Range		-25 ~ +60	°C
Storage Temperature Range		-25 ~ +60	°C
Case Material		Plastic	-
Magnet		Internal Magnet -Nd-Fe-B	-
Weight		1.2	g
Reliability	Buzz & Rattle	Must be normal at sine, Fo ~ 5kHz ]	1.41
	Load Test	Must be normal, white noise, 96hours	0.5
	Heat Test	Must be normal, 96hours	+60±2
	Cold Test	Must be normal, 96hours	-25±2
Relative Humidity	@+40±2 °C, 48hours	90 ~ 95	%
IP Rating		IP67	-

## Dimensions



All dimensions are in mm  
Unspecified Tolerance are +/-0.5mm

## APPROVAL

DRAWN BY	AR, November 15, 2023
APPROVED BY	CP, November 15, 2023
REVISION	A, Initial Release



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