

General Description

16mm OD x 5.0mm Round Speaker

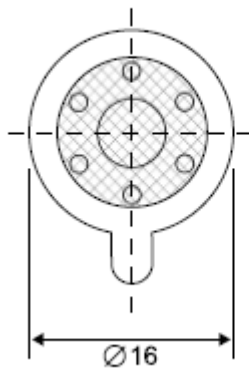


ELECTRICAL SPECIFICATIONS

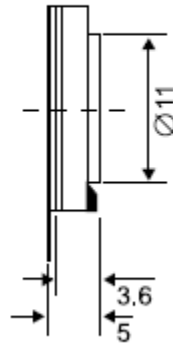
Parameters		Value	Unit	
Resonant Frequency (Fo)		900 ±20%	Hz	
Frequency Response		Fo ~ 20	kHz	
Rated Input Power, max		0.5	W	
Input Power, max		1.0	W	
Dimension		16 x 11 ±0.3	mm	
Height		5 ±0.3	mm	
Output S.P.L.	@ 0.1W / 0.1m ave. 0.8, 1.0, 1.2, 1.5kHz	86±3	dB	
Impedance		8 ±15%	Ω	
Operating Temperature Range		-30 ~ +70	°C	
Storage Temperature Range		-40 ~ +85	°C	
Case Material		Metal	-	
Magnet		Internal Magnet -NdFeB	-	
Weight		1.5	g	
Reliability	Buzz & Rattle	Must be normal at sine, Fo ~ 20kHz]	2.0	V
	Load Test	Must be normal, white noise, 96hours	0.5	W
	Heat Test	Must be normal, 96hours	+85±3	°C
	Cold Test	Must be normal, 96hours	-40±2	°C
Relative Humidity		@+40±3 °C, 96hours	92 ~ 95	%
IP Rating		IP67	-	

Dimensions

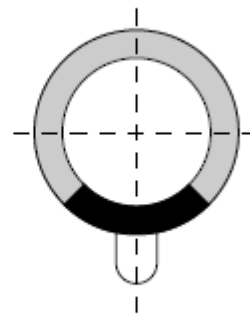
TOP VIEW



SIDE VIEW



BOTTOM VIEW



All dimensions are in mm

APPROVAL

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



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