

General Description

15mm x 8mm Smart Phone Speaker



IP67

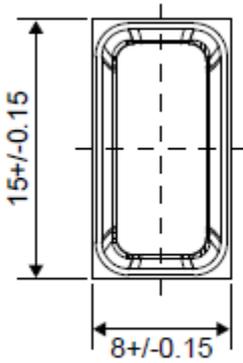


ELECTRICAL SPECIFICATIONS

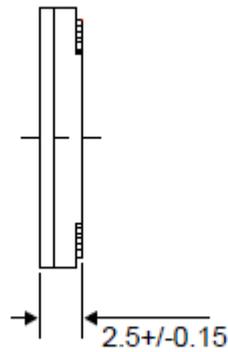
Parameters		Value	Unit	
Resonant Frequency (Fo)		600 ±20%	Hz	
Frequency Response		Fo ~ 20	kHz	
Rated Input Power, max	@ 1cc box	0.5	W	
Input Power, max	@ 1cc box	0.8	W	
Dimension		15 x 8 ±0.15	mm	
Height		2.5 ±0.15	mm	
Output S.P.L.	@ Testing in 1cc box at 0.1W / 0.1m/ 2kHz	87±3	dB	
Impedance		6 ±15%	Ω	
Operating Temperature Range		-20 ~ +60	°C	
Storage Temperature Range		-30 ~ +70	°C	
Case Material		Plastic	-	
Magnet		Internal Magnet -NdFeB	-	
Reliability	Buzz & Rattle	Must be normal at sine, [in air free, 400 ~ 5kHz]	0.70	V
		Must be normal at sine, [in 1cc box, 400 ~ 5kHz]	1.73	V
	Load Test	Must be normal, white noise, 96hours]	0.5	W
	Heat Test	Must be normal, 96hours	+70±3	°C
	Cold Test	Must be normal, 96hours	-30±3	°C
Relative Humidity	@+40±3 °C, 96hours	92 ~ 95	%	
IP Rating		IP67	-	

Dimensions

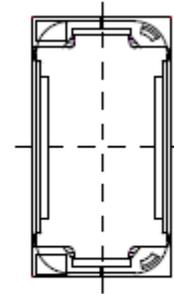
TOP VIEW



SIDE VIEW



BOTTOM VIEW



All dimensions are in mm
Unspecified Tolerance are ± 0.5 mm

APPROVAL

DRAWN BY	AR, November 27, 2023
APPROVED BY	CP, November 27, 2023
REVISION	A, Initial Release



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