

### General Description

12mm x 5.5mm Smart Phone Speaker



IP67

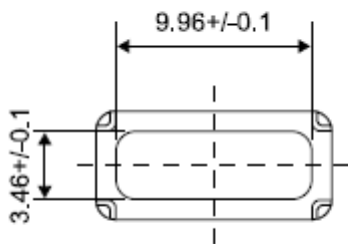


### ELECTRICAL SPECIFICATIONS

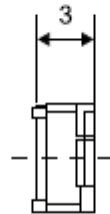
Parameters			Value	Unit
Resonant Frequency (Fo)			1300 ±20%	Hz
Frequency Response			Fo ~ 5	kHz
Rated Input Power, max	@ 2cc box		0.3	W
Input Power, max	@ EC-60268-5, filter 60s on/120s (in 2cc closed box) off 10 cycles at room temperature		0.5	W
Dimension			12 x 5.5 ±0.1	mm
Height			3 ±0.1	mm
Output S.P.L.	@ Testing in 2cc box at 1.55V / 0.1m/ 2kHz		88±3	dB
Impedance			8 ±15%	Ω
Operating Temperature Range			-20 ~ +60	°C
Storage Temperature Range			-30~ +70	°C
Case Material			Metal	-
Magnet			Internal Magnet -NdFeB	-
Reliability	Buzz & Rattle	Must be normal at sine, [in 2cc box, Fo ~ 5kHz ]	1.55	V
	Load Test	Must be normal, white noise, [in 2cc box 96hours ]	0.3	W
	Heat Test	Must be normal, 96hours	+60±3	°C
	Cold Test	Must be normal, 96hours	-20±3	°C
Relative Humidity	@+30±3 °C, 96hours		92 ~ 95	%
IP Rating			IP67	-

## Dimensions

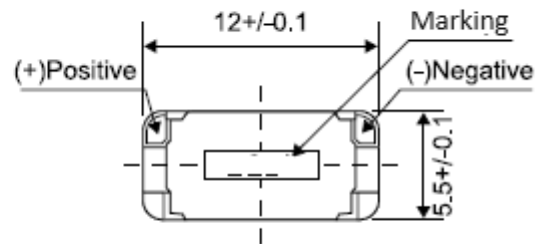
TOP VIEW



SIDE VIEW



BOTTOM VIEW



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

## APPROVAL

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



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