



soberton inc.

SP SPEAKER

Acoustic Product Specification

Product Number: SP-5090-4Y



Release | Revision: B/2019

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This document contains the technical specifications for the speaker

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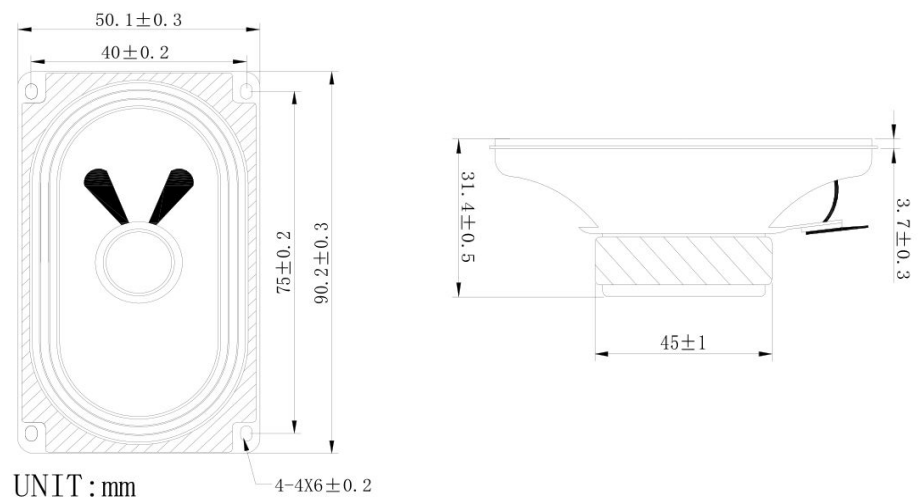
Dimensions

Frequency Response

Specifications

Specification	Unit	SP-5090-4Y
AC Impedance	Ω	4 \pm 15% at 1000Hz
Rated Input Power	Watt	10.0
Max Input Power	Watt	12.0
Resonant Frequency	Hz	270
Frequency Range	Hz	F0~20KHz, average SPL \pm 10dB
Output Sound Pressure Level	dB	96 \pm 3dB 1.0Watt/10cm, AVG. at 0.8, 1.0, 1.2, 1.5KHz
Operating Temperature	$^{\circ}$ C	-20 $^{\circ}$ C ~ +50 $^{\circ}$ C
Storage Temperature	$^{\circ}$ C	-40 $^{\circ}$ C ~ +60 $^{\circ}$ C
Dimension	mm	50.1 x 90.2 x H31.4
Distortion		3% maximum at 1000Hz, 10.0W
Polarity		Diaphragm shall move forward when a positive DC current is applied to the "+" or "Marked" terminal
Load Test		Audio Signal Generator at 6.32 Volt Total 48hrs and 20Hz ~ 20KHz resonant frequency
Abnormal Sound Test		Must be normal tested at 6.32 Volt sine wave
Ingress Rating		IP50

Dimensions



Frequency Response

