



soberton inc.

# SP SPEAKER

Acoustic Product Specification

Product Number: SP-5090-4Y



Release | Revision: B/2019

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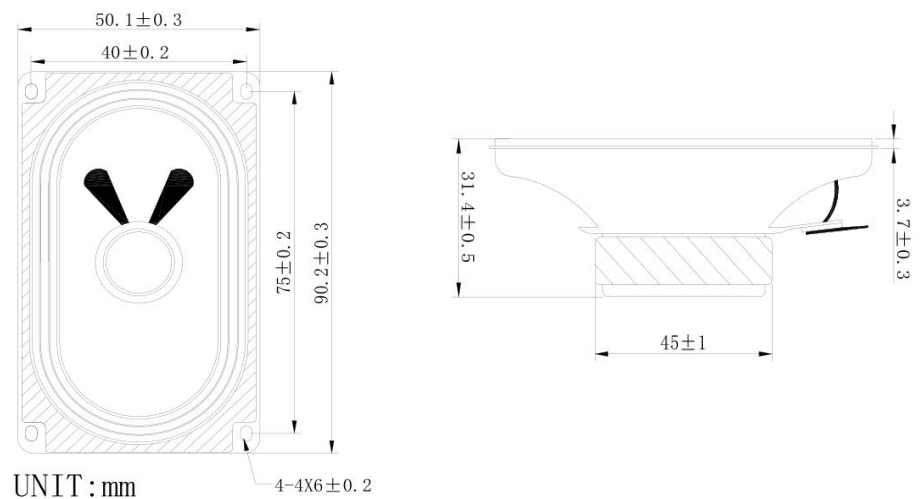
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## Specifications

| Specification               | Unit     | SP-5090-4Y   |
|-----------------------------|----------|--|
| AC Impedance                | $\Omega$ | 4±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±10dB   |
| Output Sound Pressure Level | dB       | 96±3dB<br>1.0Watt/10cm, AVG. at 0.8, 1.0, 1.2, 1.5KHz  |
| Operating Temperature       | °C       | -20°C ~ +50°C  |
| Storage Temperature         | °C       | -40°C ~ +60°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<br>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

