

**Micro Speaker**

**Model: OSR1813EB-4.5TB0.7W8A**



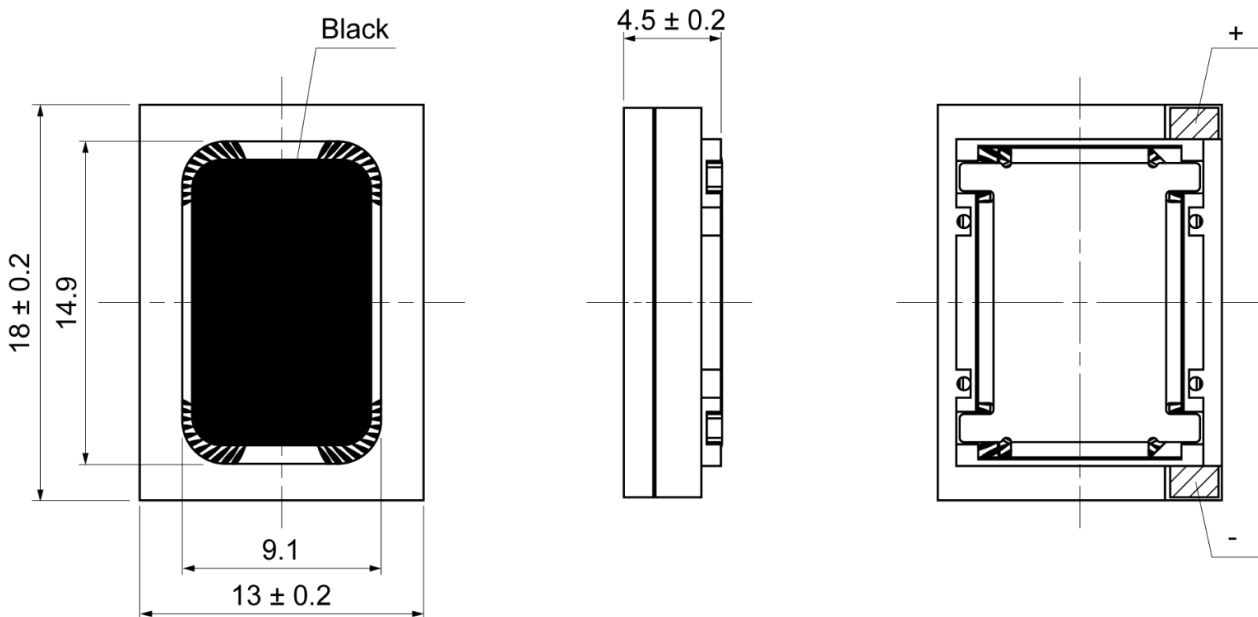
**ELECTRICAL SPECIFICATIONS**

|                         | Condition                                       | Parameter   | Unit |
|-------------------------|---|-------------|------|
| Sound Pressure Level    | at 0.7W, 10cm [at 2.0KHz] in 1cc box            | 94 ± 3      | dB   |
| Impedance               | at 2.37V, 2000Hz                                | 8 ± 15%     | Ω    |
| Rated Input Power       |   | 0.7         | W    |
| Max Input Power         |   | 1           | W    |
| Resonant Frequency (Fo) | at 2.37V, 10cm, in 1cc box                      | 900 ± 20%   | Hz   |
| Frequency Range         |   | 500 ~ 10000 | Hz   |
| Buzzer & Rattles        | not be audible at sine wave between 500 ~ 10KHz | 2.37        | V    |
| Operating Temperature   |   | -20 ~ 70    | °C   |
| Magnet                  |   | Nd-Fe-B     |      |
| Frame Material          |   | PPA         |      |
| Cone Material           |   | PEEK        |      |
| Weight                  |   | 2.8         | g    |

**MECHANICAL DRAWING**

Dimensions in mm

Tolerance ±0.2mm Except Specified



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**FREQUENCY RESPONSE CURVE**

Testing Condition: 2.37Vrms / 10cm / 1cc box

