A full frequency design
Advanced anodized magnesium/aluminum alloy cone, coated with special damping material.
Foam supporting system with special structure, providing full range response, High power handling, heat-resistant Kapton voice coil former and heat-resistant CCAW voice coil wire;
Finite Element Analysis for shielded magnetic system with long-throw linear excursion design;
Finite Element Analysis for flat & rigid iron frame, prevents the parasitic structural resonances, and improves the linear array of sound source;
Advanced optimize Small/Thiele parameters technology;
Suitable for computer multimedia speakers with single or multiple units.

### B2S Full-Frequency

**Mechanical Drawing**

**Frequency Response**

**Impedance**

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### B2S Full-Frequency

- **Nominal Impedance (Z)(Ω)**: 8
- **Resonance Frequency (Fs)(Hz)**: 152
- **Nominal Power Handling (Pnom)(W)**: 10
- **Max Power Handling(W)**: 20
- **Sensitivity (2.83v/1m)(dB)**: 78
- **Weight (M)(Kg)**: 0.12
- **VC Diameter (mm)**: 25
- **DC (Re)(Ω)**: 6.5
- **VC Length (H)(mm)**: 6
- **VC Former**: CCAW
- **VC Frame**: Kapton
- **Magnet System**: Shielded
- **Magnet Former**: Neodymium
- **Force Factor (BL)(TM)**: 2.5
Gap Height (He)(mm) : 3.0
Linear Excursion (Xmax)(mm) : 1.5
Suspension Compliance (Cms)(uM/N) : 689
Mechanical Q (Qms) : 5.69
Electrical Q (Qes) : 1.53
Total Q (Qts) : 1.20
Moving Mass (Mms)(g) : 1.6
Effective Piston Area (Sd)(m2) : 0.0013
Equivalent Air Volume (Vas)(L) : 0.2
Cabinet Type : Sealed
Recommended Box Volume(Vb)(L) : 0.2
-3dB Cut-Off Frequency(F3)(Hz) : 149