

● **WOOFER model:** FSB021525-0401

This 2.5 inch woofer driver design features a plastic basket, ferrite magnet motor with cancelling ND magnet on pole. Copper shorting cap can provide low inductance and distortion. Bottom plate, voice coil former and basket under spider venting so as to reduce air compression effects. The product was designed with portable and compact applications.

● **Transducer front and side images:**



● **Specifications:**

**T-S Parameters**

Resonance frequency [fs]	114 Hz
Mechanical Q factor [Qms]	6.634
Electrical Q factor [Qes]	0.538
Total Q factor [Qts]	0.498
Force factor [Bl]	4.415 Tm
Mechanical resistance [Rms]	0.43 kg/s
Moving mass [Mms]	3.996 g
Compliance [Cms]	0.492 mm/N
Effective diaph. diameter [D]	54 mm
Effective piston area [Sd]	22.9 cm <sup>2</sup>
Equivalent volume [Vas]	0.365 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	2.3 N/√W
Ratio fs/Qts	229 Hz

**Electrical Data**

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.2 Ω
Maximum impedance [Zo]	46 Ω
DC resistance [Re]	3.68 Ω
Voice coil inductance [Le]	0.114 mH

**Power Handling**

100h RMS noise test (IEC 17.1)	15 W
Long-term max power (IEC 17.3)	- W

**Voice Coil & Magnet Data**

Voice coil diameter	20.32 mm
Voice coil height	10.3 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 3.15 mm
Max mech. excursion	± - mm
Unit weight	0.36 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

