



SUF7302

70mm x 30mm Full Range Speaker Unit

The SUFR7302 is a 70mm x 30mm 8-ohm 2 Watt full range speaker with powerful neodymium motor.

Features:

- Minimal resonance from paper cone with foam surround.
- Powerful neodymium motor for lightweight and minimal size.
- Flat mounting flange for easy installation and suitable for panel mounting.
- Optimized for voice band.



T-S Parameters:

Resonance frequency [fs]	300Hz
Mechanical Q factor [Qms]	4.66
Electrical Q factor [Qes]	6.97
Total Q factor [Qts]	2.79
Force factor [Bl]	1.20Tm
Mechanical resistance [Rms]	0.30kg/s
Moving mass [Mms]	0.70g
Compliance [Cms]	0.40m/N
Effective diaph. diameter [D]	(54 x 25)mm
Effective piston area [Sd]	11.51cm ²
Equivalent volume [Vas]	0.03L
Sensitivity (2,83V/0.5m)	84dB

Electrical Data:

Normal impedance [Zn]	7.27Ω at 1kHz
Minimum impedance [Zmin]	7.12Ω
Maximum impedance [Zo]	14.91Ω
DC resistance [Re]	7.17Ω
Voice coil inductance [Le]	0.05mH at 1kHz

Mechanical Data:

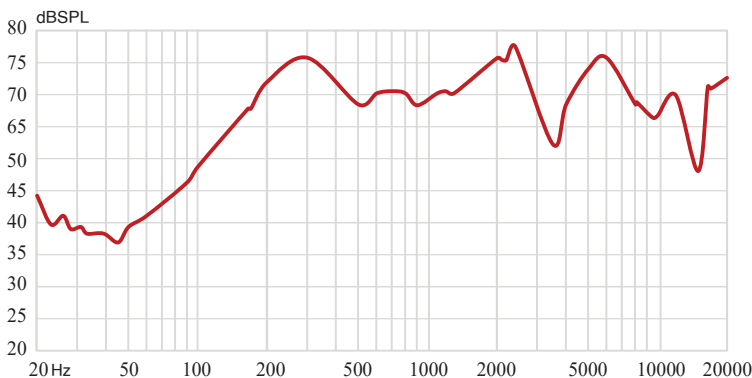
Voice coil diameter	12.7mm
Voice coil height	3.0mm
Voice coil layers	1
Gap height	1.0mm
Linear excursion	±1.0mm
Max mech. excursion	±2.0mm
Unit weight	36g
Driver displacement volume	0.004L

Power Handling:

Rated power input (IEC 268-5)	2W
Max power input (IEC 268-5)	5W

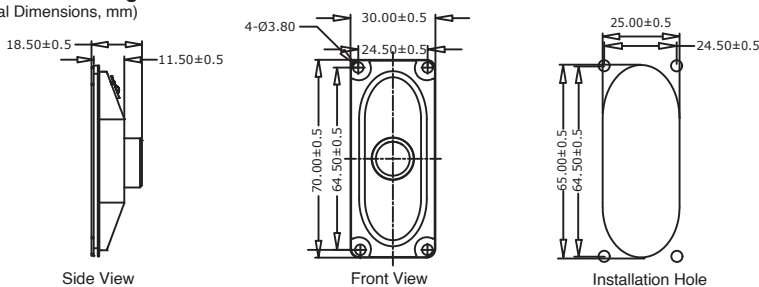
Frequency Response

SPL vs Freq



Mechanical Drawing

(Nominal Dimensions, mm)



Note: The installation holes coordinate of 70mmx30mm speakers from different manufacturers are different but, our speaker is designed to be compatible with all the 70mmx30mm speakers.

Specifications are subjected to change without any further notice.
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