



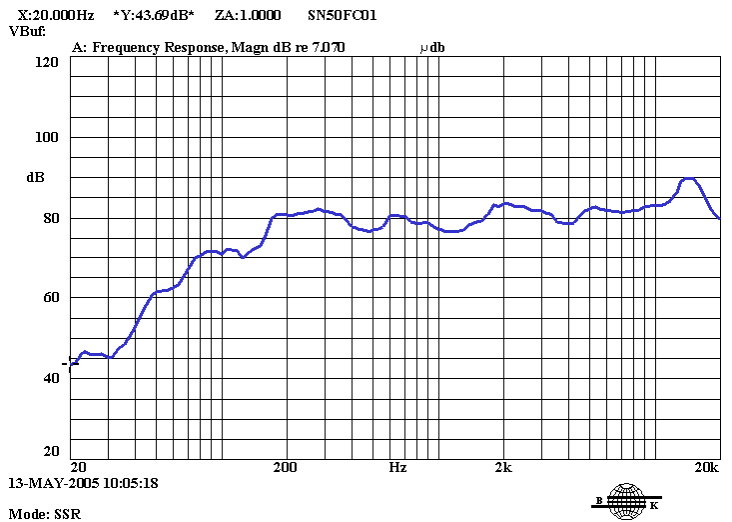
- \*50mm compact frame structure.
- \*Output power 5 watt full range.
- \*Easy mounting.
- \*Good for full-range speaker systems, which needed low input power

## 50mm Mini Loudspeaker

## SN50FC01



Nominal Diameter	50	mm
Nominal Impedance	8	ohms
Sensitivity(1W/1m)	81	dB
Power Capacity(RMS)	5	W
Power Capacity(Peak)	10	W
Frequency Range(-10dB)	See curve	Hz
Voice Coil Diameter	20	mm
Voice Coil Number of layer	2	
Voice Coil Former Material	Al	
Voice Coil Wire Composition	PESVW	
Magnetic Material	ND	
Cone Material	Paper	
Surround Material	Cloth	
Net Weight	50	g



Resonant Frequency(Fo)	195	Hz
Voice Coil DC Resistance(Re)	7.48	ohms
Voice Coil Inductance(Le)	0.27	mH
Total Q(Qts)	1.06	
Mechanical Q(Qms)	3.19	
Electrical Q(Qes)	1.6	
Equivalent Volume of Air(Vas)	0.08	Liters
Radiating Piston Area(Sd)	12	Cm <sup>2</sup>
Xmax	1.8	mm
Flux Density x Length(BL)	3.1	Tesla-meters
Compliance(Cms)	366.2	um/N
Total Mass(Mms)	1.54	g
Closed Box Volume	0.12	Liters
Bass Reflex Box Volume	0.15	Liters
Port Dia/Length	8/22	mm

