



- \*50mm compact frame structure.
- \*Output power 10 watt full range.
- \*Useful for versatile full-range speaker systems,

## 50mm Mini Loudspeaker

## SN50FC02



Nominal Diameter	50	mm
Nominal Impedance	4	ohms
Sensitivity(1W/1m)	80.2	dB
Power Capacity(RMS)	10	W
Power Capacity(Peak)	20	W
Frequency Range(-10dB)	See curve	Hz
Voice Coil Diameter	18	mm
Voice Coil Number of layer	4	
Voice Coil Former Material	KAPTON	
Voice Coil Wire Composition	CCAW	
Magnetic Material	ND	
Cone Material	Paper	
Surround Material	Rubber	
Net Weight	92	g
Resonant Frequency(Fo)	166	Hz
Voice Coil DC Resistance(Re)	3.96	ohms
Voice Coil Inductance(Le)	0.25	mH
Total Q(Qts)	1.09	
Mechanical Q(Qms)	3.66	
Electrical Q(Qes)	1.56	
Equivalent Volume of Air(Vas)	0.14	Liters
Radiating Piston Area(Sd)	13	Cm <sup>2</sup>
Xmax	1.7	mm
Flus Density x Length(BL)	1.75	Tesla-meters
Compliance(Cms)	584	um/N
Tatal Mass(Mms)	1.11	g
Closed Box Volume	0.15	Liters
Bass Reflex Box Volume	0.21	Liters
Port Dia/Length	10/31	mm

