

Model # 55-3870

February 22, 2008

ITEM	SPECIFICATION	VOICE COIL:
Dimensions	138mm (5")	Diameter 25.4 (mm)
Impedance	8 ohms	Length 8.0 (mm)
Input	RATED – 50W, MAX 100W	Layer 2 (mm)
Free air resonance	65 ±13Hz	Former material ASV
Sensitivity	86 ± 2dB (W/M) 2.83V	Wire material Copper
Frequency range	fo ~ 10000Hz	CONE PAPER:
Sine wave test	8V	Cone material Aluminum
Weight	1020 grams	Surround material Rubber
Life test	50W, 8H , EIA white noise	MAGNET: (1) (2)
		Diameter 100 (mm)
		Height 15 (mm)
		Quantity
		Weight 442 (g)
		Gap(H) 4 (mm)

PARAMETERS:

DC resistance	Re: 7.1 (Ω)	Moving mass	Mms: 7.23 (g)
Resonance frequency	Fs: 66.91 (Hz)	Equivalent volume	Vas: 5.73 (l)
Maximum impedance	Zm: 31.58 (Ω)	Sensitivity	SPL: 85.8 (□B)
Mechanical Q factor	Qms: 2.25	Suspension compliance	Cms: 0.78 (mm/N)
Electrical Q factor	Qes: 0.65	BL product	Bl: 5.76 (N/A)
Total Q factor	Qts: 0.50	Driver piston diameter	D: 96 (mm)
Linear Displacement	Xmax: 2.0 (mm)	Voice Coil Inductance	Le(1K): 0.86 (mH)



