

Specification Sheet

Model # 50FF08-SH



Key Features:

- 2" (50mm), 8 ohm
- Full Range, 3 watts
- Ferrite magnet, Paper cone with pre-treated black cloth surround
- RoHS compliant;



Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.0	inch
	50.0	mm
Rated Impedance	8	ohms
Rated Power	3	Watts
Program Power	6	Watts
Frequency Range	200 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.7 / 20	oz / gr

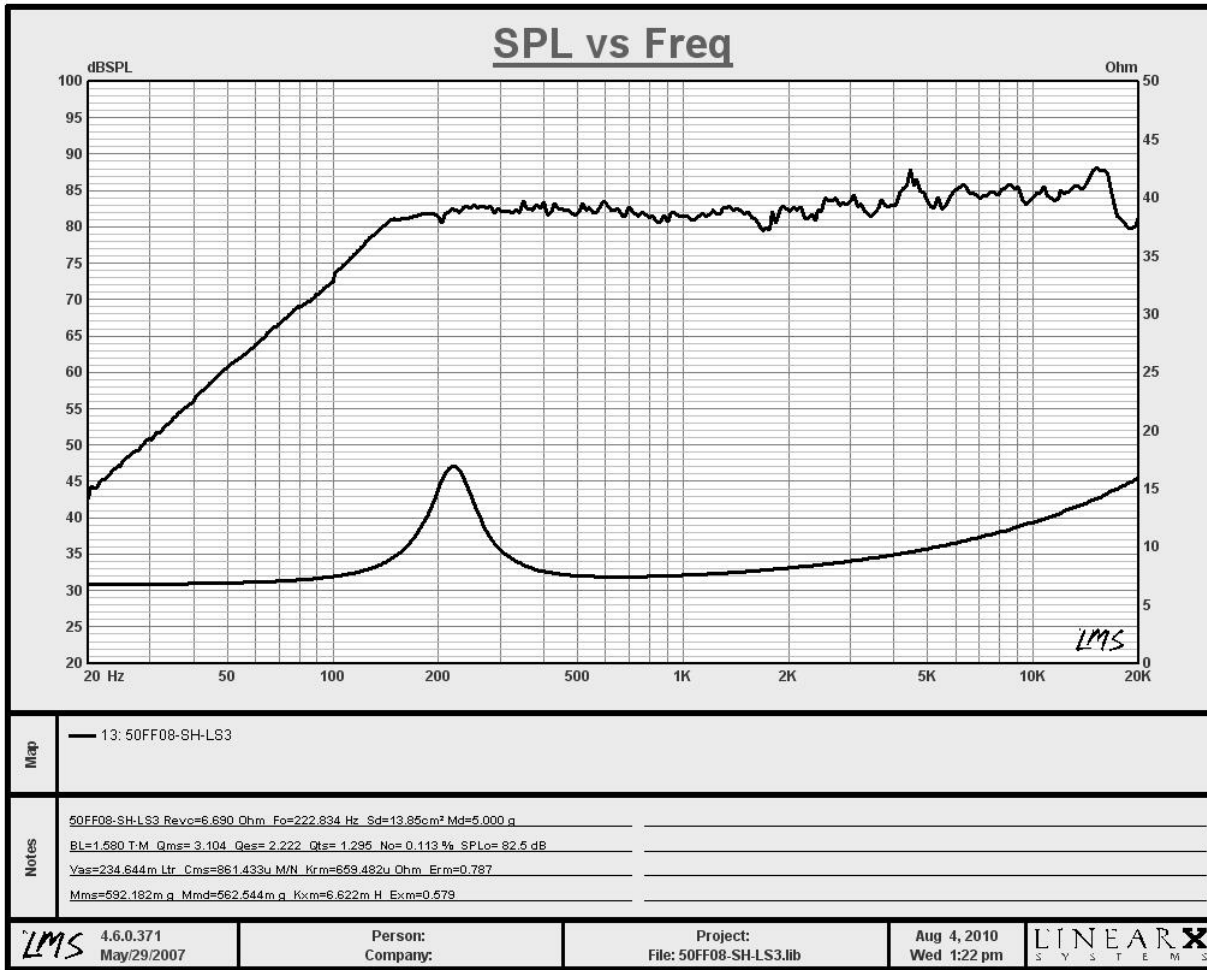
Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	200 Hz
D.C. Resistance (Re)	7.3 ohms
Mechanical Q (Qms)	3.2
Electrical Q (Qes)	3.9
Total Q (Qts)	1.6
Compliance Equivalent Volume (Vas)	0.2 ltr
BL Product (BL)	1.6 T-M
Maximum Linear Excursion (Xmax)	mm
Surface Area of Cone (Sd)	14.0 cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.110 X .02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Pre-treated Black Cloth
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.1 in.	+/- 0.020"
CD	Cutout Diameter	1.9 in.	+/- 0.020"
MG	Magnet Diameter	1.5 in.	+/- 0.050"
HD	Hole Diameter	0.16 in.	+/- 0.010"
MD	Mounting Diameter	2.4 in.	+/- 0.010"
ID	Internal Depth	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	100.0 g	

