SPECIFICATIONS

ITEMS	SPECIFICATIONS
1 DIMENSIONS	205 MM (8 INCH)
2 IMPEDANCE	8+8 ± 1.2 OHM(0.3 KHz 1.0 V)
3 INPUT	RATED 60 W , MAX 100 W
4 LOWEST RESONANT FREQUENCY	30 ± 6 Hz (1.0 V)
5 SOUND PRESSURE LEVEL	89 ± 2 dB/W (4.0 V , 1.0 M) AVERANE AT 0.2 , 0.25 , 0.3 , 0.4 KHz
6 EFFECTIVE FREQUENCY RANGE	FO ~ 4000 Hz
7 DISTORTION FACTOR	5.0 % MAX (AT 0.3 KHz , 10 W , 1.0 M)
8 FLUX DENSITY	—— ± —— GAUSS
9 TOTAL FLUX	—— ± —— MAXWELL
10 POLARITY	WHEN A POSITIVE DC CURRENT IS APPLIED TO THE TERMINAL MARKED + , THE DIAPHRAGM SHALL MOVE FORWARD .
11 SINE WAVE TEST	10 V
12 MAGNET	110 . 60 . 17 MM(567 GRAMS) (20 OZ) . . MM(GRAMS)(. OZ)
13 WEIGHT	1720 GRAMS (60.67 OZ)
14 DROP TEST	THE SPEAKER SHALL BE DROPPED ALONG A FLAT PLATE 15° INCLINED FROM THE VERTICAL. THEN LET THE MAGNETIC FIELD PART IMPACT THE MAHOGANY BLOCK AT THE BOTTOM OF THE SLIDE. NO ANY STRUCTURAL OR ACOUSTIC DEFECT SHALL OCCUR AS A RESULT OF THIS TEST. THE DROP DISTANCE IS 1 METER.
15 LIFE TEST	60 W 96 H EIA WHITE NOISE
16 HUMIDITY TEST	43 °C 92 2 % RH 96 H
17 TEMPERATURE TEST	70 °C 96 H

DESIGE	CHARGE	HEAD	MANAGER

SCIENTIFIC DESIGN SOFTWARE
Driver Parameters From Measurement Data

Entered Data as Follows:

Entered driver DC resistance (Re)	11.60 ohms	
Entered driver resonance frequency (Fs)	33.00 hertz	
Entered driver maximum impedance at Fs	105.60 ohms	
Entered driver F1 frequency	21.00 hertz at	35.00 ohms
Entered driver F2 frequency	52.00 hertz at	35.00 ohms
Calculated Square root of F1*F2	33.00 hertz	
Calculated error factor	0.00 percent	
Compliance calculated by ADDED MASS method		
Entered added mass	20.00 grams	
Entered driver new resonance frequency	25.00 hertz	
Entered driver piston diameter	166.00 mm	
Entered driver magnet gap depth	6.00 mm	
Entered driver voice coil length	12.00 mm	

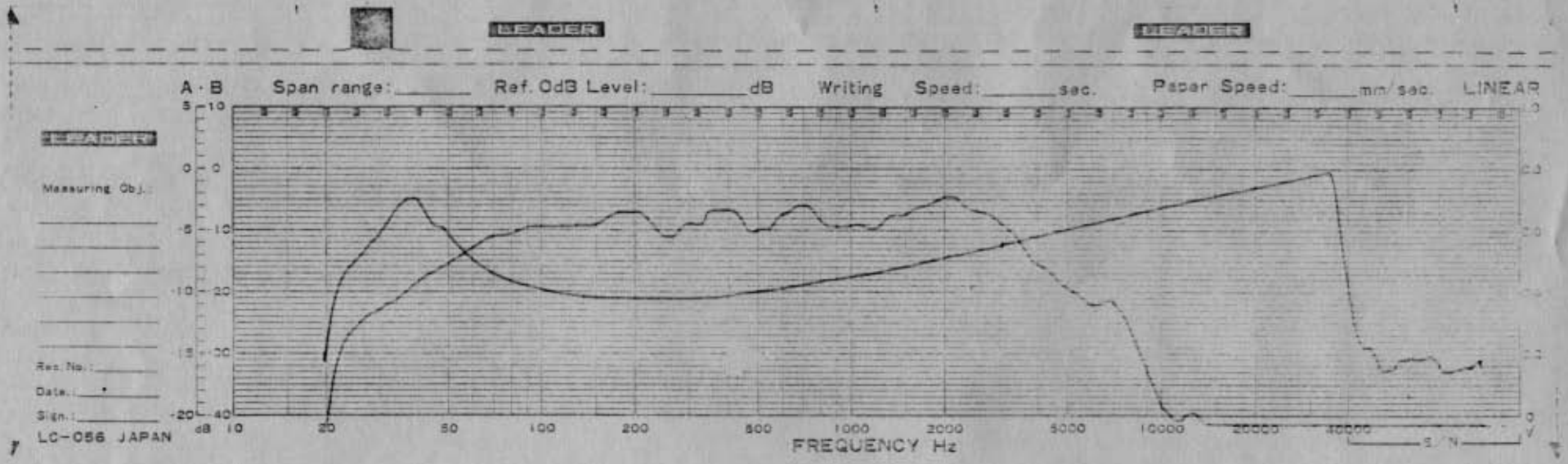
Calculated Thiele/Small Parameters:

Free Air Resonance (Fs)=SQR(F1*F2)	33.00 hertz
Qts	0.3528
Qes	0.3964
Qms	3.21
Equivalent acoustic compliance (Vas)	56.80 liters
Piston area (Sd)	0.0216 square meters
DC resistance (Re)	11.60 ohms
Volume displacement (Vd)	64.93 ccm
Linear displacement (Xmax)	3.00 mm
Coil Inductance (Le)	0.59 mH
Reference Efficiency (Ref Eff)	0.49 percent
Efficiency Bandwidth Product (EBP)	83.26 hertz

Other Calculated Data:

Moving Mass of Diaphragm only (Mmd)	25.13 grams
Moving Mass of Diaphragm & Air Load (Mms)	26.94 grams
Mass of Air load on diaphragm (Ma)	1.81 grams
Compliance (Cms)	0.00087 m/N
BL product (BL)	12.79 N/A
Sensitivity (SPL 1w/1m)	88.94 dB

END OF REPORT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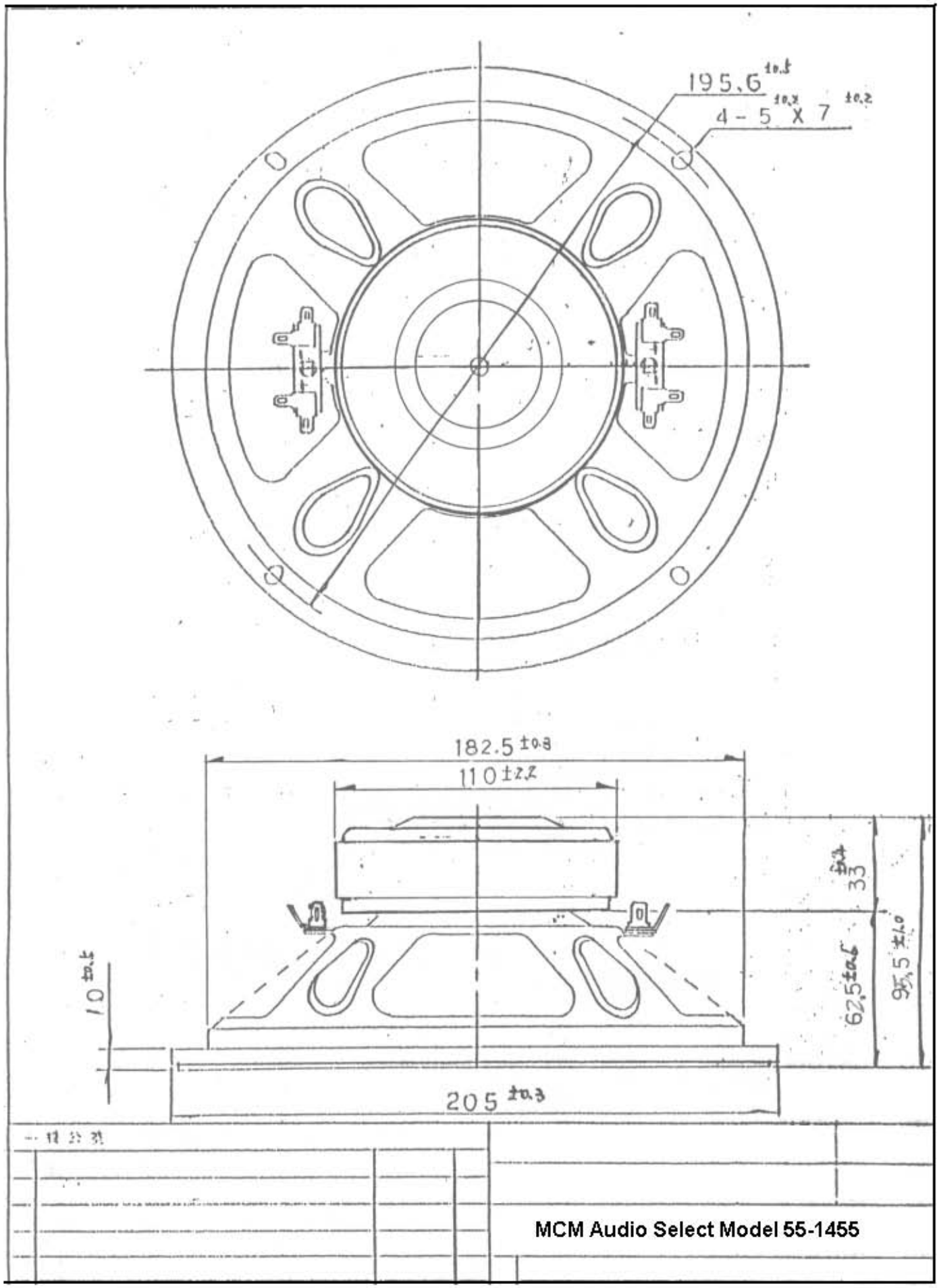

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